FINAL PHASE II ENVIRONMENTAL SITE ASSESSMENT

CAMP SMITH MARINE FAMILY HOUSING AREA

Prepared for

Honolulu, Hawaii

September 2006

Prepared by

PARSONS

1132 BISHOP STREET, SUITE 2102 • HONOLULU • HAWAII 96813

TABLE OF CONTENTS

APPENDICES

LIST OF FIGURES

LIST OF TABLES

ACRONYMS AND ABBREVIATIONS

ACM	Asbestos-containing material
AST	Aboveground Storage Tank
ASTM	American Society of Testing and Materials
bgs	below ground surface
EP	Environmental Professional
EAL	Environmental Action Level
ESA	Environmental Site Assessment
ft	feet
HDOH	Hawaii Department of Health
HUD	United States Department of Housing and Urban Development
kg	Kilograms
LBP	Lead-based paint
LUST	Leaking underground storage tank
m	Meter
mg/kg	milligram per kilogram
PCB	Polychlorinated biphenyl
PE	Professional Engineer
PPV	Public Private Venture
REC	Recognized Environmental Condition
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground storage tank

1.0 SUMMARY

The purpose of this Final Phase II Environmental Site Assessment (ESA) is to present the site-specific results and recommendations from a subsurface investigation of pesticides and lead conducted at the Camp Smith Marine Family Housing Area on the island of Oahu, Hawaii. Parsons completed a Phase 1 ESA which identified potential Recognized Environmental Conditions (RECs) at the site and for which additional investigations were recommended. One of these recommendations included subsurface soil sampling for pesticides prior to planned renovation/demolition activities for new housing developments. In addition, as part of the Phase II investigations lead was analyzed in soil due to concerns over past use of lead-based paint, as described in the Phase I ESA.

The Camp Smith Marine Family Housing Area is located in the Aiea Area of O'ahu, Hawaii. The site is 5.173 acres. The site consists of 10 housing units for Marine personnel. There is no open access to the site; it is located within a secured base. The housing units are primarily single family homes with one duplex. The units were built in 1965 and 1970. The square footage of the units range from 1,268 to 1,971 square feet. The units have 3 to 5 bedrooms, and 2 to 3.5 bathrooms (Ohana, 2006).

The Public Private Venture (PPV) will be the lessee of the site and will be the owner of 10 improvements, of which 10 will be demolished, and will be replaced with 10 newly constructed units.

During the Phase II, shallow soil samples were collected from a statistically representative number of buildings that were areally distributed throughout the neighborhood. For Camp Smith, approximately 33% of the total number of buildings proposed for demolition were sampled. For each building selected for sampling, soil samples were collected from three (3) group locations:

- under the foundation ("sub-slab samples");
- along the outside perimeter of the foundation ("perimeter samples"), generally at a distance of approximately 2 feet from the foundation; and,
- in the front and/or back yards ("common area samples").

In the opinion of the Environmental Professional (EP), the findings and conclusions for the Camp Smith Marine Family Housing Area are:

1) As shown on Figure 4, the following compounds exceeded their respective Tier 2 EAL in at least one sample composite:
    - aldrin
    - dieldrin
2) No samples had more than three (3) detections of a carcinogenic compound, which is a requirement for use of the Tier 2 EAL comparison criteria.

3) Lead concentrations were below the Tier 2 EAL of 400 mg/kg for all samples.

4) Of the three buildings sampled, only one building (677 Baugh Road) had samples with pesticide concentrations which exceeded their respective Tier 2 EAL criteria.

   The composited perimeter sample collected at 677 Baugh Road (shown on Figure 4) had a detection of 0.62 mg/kg for dieldrin at 1 ft bgs and 0.18 mg/kg for dieldrin at 2 ft bgs. These concentrations both exceed the Tier 2 EAL of 0.10 mg/kg for dieldrin. It should be noted that all three of the perimeter locations for this particular home were collected at a distance of only 6 inches from the foundation slab. Concentrations of dieldrin, as well as aldrin, in the composited sub-slab sample that was also collected at this building were also above their respective Tier 2 EALs.

5) With the exception of 677 Baugh Road (as described above), pesticide concentrations in all other perimeter, sub-slab, and common area samples were not above their respective Tier 2 EALs. Because the perimeter samples at 677 Baugh Road were collected at only 6-inches from the slab, pesticide impacted soils appear to be generally confined only to soils underneath the slab itself and/or within a two-foot area immediately adjacent to the slab (i.e. the distance at which most other perimeter samples were collected).

6) Concentrations generally attenuated with depth, as shown by the relative concentrations at 1 ft bgs and 2 ft bgs.

Based on these results and conclusions, Parsons recommends that during demolition and construction activities for the Camp Smith neighborhood that soil underneath all existing building foundations and within a two-foot distance of the foundations be managed as pesticide impacted soil according to the "*Pesticide Impacted Soils Management Plan*" (Parsons, 2006). It is the opinion of the EP that mitigation measures for other soil outside of these areas does not appear to be warranted.

2.0 INTRODUCTION

The purpose of this Final Phase II Environmental Site Assessment (ESA) is to present the site-specific results and recommendations from a subsurface investigation of pesticides and lead conducted at the Camp Smith Marine Family Housing Area on the island of Oahu, Hawaii. Parsons completed a Phase I ESA which identified potential Recognized Environmental Conditions (RECs) at the site and for which additional investigations were recommended. One of these recommendations included subsurface soil sampling for pesticides prior to planned renovation/demolition activities for new housing developments. In addition, as part of the Phase II investigations lead was analyzed in soil due to concerns over past use of lead-based paint, as described in the Phase I ESA.

SPECIAL TERMS AND CONDITIONS

- The information and conclusions presented in this report are valid only for the circumstances of the site investigated as described as of the dates in this report.
- Parsons evaluated the reasonableness and completeness of available relevant information, but does not assume responsibility for the truth or accuracy of any information provided to Parsons by others or for the lack of information that is intentionally, unintentionally, or negligently withheld from Parsons by others.
- After acceptance of this report, if Parsons obtains information that it believes warrants further exploration and development, Parsons will endeavor to provide that information, but Parsons will not be liable for not doing so.

LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

To achieve the study objectives stated in this report, Parsons based its conclusions on the best information available during the period of the investigation and in accordance with generally-accepted environmental methodologies.

No investigative method can completely eliminate the possibility of obtaining partially imprecise or incomplete information. Professional judgment was exercised in gathering and evaluating the information obtained, and Parsons commits itself to the usual care, thoroughness, and competence of the engineering profession.

OTHER RECS IDENTIFIED IN PHASE 1 ESA

The following RECs were also identified in the Phase 1 ESA and Parsons recommends the following:

- Suspected presence of asbestos-containing materials in building materials — Parsons recommends that the PPV continue to monitor this REC and follow any relevant Plans and Environmental Laws related to such REC.

- Suspected presence of lead in paint and dust — Parsons recommends that the PPV continue to monitor this REC and follow any relevant Plans and Environmental Laws related to such REC.
- Potential PCB-containing ballasts in fluorescent lighting — Parsons recommends that the PPV continue to monitor this REC and follow any relevant Plans and Environmental Laws related to such REC.
- Potential radioactive sources in smoke detectors — Parsons recommends that the PPV continue to monitor this REC and follow any relevant Plans and Environmental Laws related to such REC.
- Potential mercury-containing light switches and lamps — Parsons recommends that the PPV continue to monitor this REC and follow any relevant Plans and Environmental Laws related to such REC.
- Potential arsenic-containing canec board in building materials — Parsons recommends that the PPV continue to monitor this REC and follow any relevant Plans and Environmental Laws related to such REC.

USER RELIANCE

This report was prepared for Ohana Military Communities, LLC, its Managing Member and other Members of Ohana Military Communities, LLC. It may be relied upon by Ohana Military Communities, LLC, its Managing Member and other Members of Ohana Military Communities, LLC, the United States of America, Department of the Navy, (b) (4) [redacted], and each of their respective officers, directors, employees, affiliates, successors, assigns, legal counsel and advisors.

3.0 BACKGROUND INFORMATION

LOCATION AND DESCRIPTION OF PROPERTY

The Camp Smith Marine Family Housing Area is located at Latitude (North) 21.393121, Longitude (West) 157.905859. The site consists of 10 housing units for Marine personnel. There is no open access to the site; it is located within a secured base.

The Public Private Venture (PPV) will be the lessee of the site and will be the owner of 10 improvements, of which 10 will be demolished, and will be replaced with 10 newly constructed units.

SITE AND VICINITY CHARACTERISTICS

Table 3-1 provides a description of the properties directly adjacent to the site.

Table 3-1
Adjacent Properties

Direction	Description of Adjacent Properties
North	The Camp Smith military facility continues further north and is mostly forest. In addition there are some residential properties off base across Halawa Heights Rd.
East	The eastern portion of the site consists of a small portion of the Camp Smith military facility and off base across Halawa Heights Rd. is residential housing.
South	The Camp Smith military facility continues further south and the area adjacent to the site is a hillside that is used for parking. .
West	The Camp Smith military facility continues further west and is mostly forest

DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SITE

The approximately 5.173-acre, 10 unit, site is primarily occupied. The site is accessible via Halawa Heights Road.

The housing units are primarily single family homes with one duplex. The units were built in 1965 and 1970. The square footage of the units range from 1,268 to 1,971 square feet. The units have 3 to 5 bedrooms, and 2 to 3.5 bathrooms (Ohana, 2006).

Vehicle access to the housing units is via asphalt-paved streets. Typical landscaping bordering the housing units includes grass and trees. The housing units are primarily single family homes with one duplex. Residential parking is along the street on the lower level of houses and provided by attached carports for the upper level houses.

The housing unit construction is primarily cinder block with wood and cement used for porches. Roofing material included asphalt shingles.

GROUNDWATER AND SURFACE WATER

Groundwater beneath Camp Smith is considered a potential drinking water resource based on its location above the Underground Injection Control (UIC) Line. There are no surface water bodies within 150 meters of the subject property.

LIST OF RECOGNIZED ENVIRONMENTAL CONDITIONS FROM PHASE I ESA

The following RECs were identified for the site: (1) ACM, (2) LBP, (3) PCB-containing ballasts, (4) smoke detectors, (5) mercury switches in housing units and associated structures, (6) arsenic in canec, and (7) chlordane and other pesticides, including DDT, dieldrin, and heptachlor, in soils.

4.0 PHASE II ESA ACTIVITIES

SAMPLING STRATEGY AND METHODS

Shallow soil samples were collected from a statistically representative number of buildings that were areally distributed throughout the neighborhood (Figure 2). For Camp Smith, approximately 33% of the total number of buildings proposed for demolition were sampled. For each building selected for sampling, soil samples were collected from three (3) group locations:

1) under the foundation ("sub-slab samples");

2) along the outside perimeter of the foundation ("perimeter samples"), generally at a distance of approximately 2 feet from the foundation; and,

3) in the front and/or back yards ("common area samples").

At each single family home or duplex selected for sampling, soil samples were collected from a total of approximately seven (7) individual sampling locations ("pushes") within the above three group locations, as follows:

- 2 locations under the foundation;
- 3 locations along the outside perimeter of the foundation; and,
- 2 locations in the front and/or back yards.

At each individual sampling location or push, discrete samples were collected at two (2) depths: approximately one foot (ft) below ground surface (bgs) and approximately 2 ft bgs. After the samples were collected at each building, all of the related samples from the same group location and the same depth were composited and submitted to a fixed-base laboratory for pesticide and lead analyses. Compositing was performed at the laboratory based on instructions provided on the chain-of-custody form. As a result, each building sampled resulted in approximately 6 representative samples analyzed by the laboratory (i.e. from 3 group locations at 2 depths each). All soil samples were analyzed for pesticides and total lead by EPA methods 8081A and SW6010B, respectively.

Soil samples from the 2 group locations outside of buildings (i.e. the foundation perimeter and yards) were collected using direct-push sampling methods. Soil samples collected from inside buildings (i.e. under the foundation) were collected manually using a slide hammer and sampling tube after drilling through the bottom of the concrete foundation using hand operated electric tools.

REGULATORY COMPARISON CRITERIA

Phase II soil sampling results are compared with Tier 1 or 2 Environmental Action Levels (EALs), consistent with guidance in the Hawaii Department of Health (HDOH, 2005) "*Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*". EALs are conservative screening concentrations that can be used to assess the potential risks to humans

or the environment. It can be assumed that contaminants of potential concern (COPCs) do not pose a significant threat to human health or the environment when concentrations are less than EALs. However, COPC concentrations greater than EALs do not necessarily indicate unacceptable risks, but typically indicate the need for further evaluation. Under "Tier 1", site data are compared directly with HDOH generic and conservative Tier 1 EALs. However, HDOH also supports the development of project-specific or site-specific Tier 2 EALs.

Parsons developed proposed project-specific Tier 2 EALs for pesticides that were derived from HDOH human health direct exposure Tier 1 EAL values. These Tier 2 EALs are based on an alternative target cancer risk level of 1E-05 and the potential for cumulative cancer effects from exposure to multiple pesticides. The rationale and development of these proposed Tier 2 EALs are documented in "*Proposed Soil Site-Specific Tier 2 Environmental Action Levels (EALs) for Use During Demolition and Construction at Navy (Phase III) and Marine (Phase II) Housing Communities on Oahu, Hawaii*" and provided under separate cover (Parsons, 2006b). These Tier 2 EALs along with HDOH generic Tier 1 EALs are summarized in Table 4-1.

TABLE 4-1

TIER 1 AND 2 ENVIRONMENTAL ACTION LEVELS (EALS) FOR SOIL

	Environmental Action Level (EAL) (mg/kg)			
Chemical	**Tier 1** [a/]	**Basis** [b/]	**Tier 2 (Proposed)**	**Basis (Direct Exposure)** [c/]
4,4'-DDD	2.4	Direct Exposure (cancer)	8.1	Carcinogen
4,4'-DDE	2.4	Direct Exposure (cancer)	8.1	Carcinogen
4,4'-DDT	1.7	Direct Exposure (cancer)	5.7	Carcinogen
Aldrin	0.029	Direct Exposure (cancer)	0.095	Carcinogen
BHC (Lindane)	0.098	Groundwater Protection	1.5	Carcinogen
Chlordane	1.6	Direct Exposure (cancer)	5.4	Carcinogen
Dieldrin	0.0052	Groundwater Protection	0.10	Carcinogen
Endosulfan	0.018	Groundwater Protection	370	Non-Carcinogen
Endrin	0.010	Groundwater Protection	18	Non-Carcinogen
Heptachlor	0.11	Direct Exposure (cancer)	0.36	Carcinogen
Heptachlor epoxide	0.053	Direct Exposure (cancer)	0.18	Carcinogen
Methoxychlor	19	Groundwater Protection	310	Non-Carcinogen
Toxaphene	0.40	Direct Exposure (cancer)	1.3	Carcinogen

[a/] Taken from Table A-1 of HDOH (2005), assuming potable groundwater and the nearest surface water body is >150m.
[b/] The most sensitive endpoint is shown, including cancer or non-cancer toxicologic endpoints (HDOH, 2005).
[c/] Tier 2 EALs based on direct human exposure (Parsons, 2006b); most sensitive endpoint (cancer or non-cancer) is shown.

5.0 EVALUATION AND PRESENTATION OF RESULTS

Laboratory data packages with detailed sampling results are provided in Appendix 1. Graphical presentations summarizing the laboratory results is provided on Figure 3 (for Tier 1 EAL comparisons) and Figure 4 (for Tier 2 EAL comparisons). On these figures, concentrations are shown only for contaminants which exceeded their respective EAL criteria (Table 4-1) at that location.

Locations are identified by sample ID, for example: “0677B-S00” (see Figure 3). The initial part of the sample ID (e.g., “0677B”) indicates the address of the building within the neighborhood (in this example, 677 Baugh Road). The second part of the sample ID (e.g., “S00”) indicates which of the three sample groups the sample was collected from (in this example, “S00” for the composited sub-slab sample). The sample ID is then followed by the sample depth, 1 ft or 2 ft bgs. For clarity, the sample groupings are also color-coded: green for sub-slab samples, blue for perimeter samples, and red for common area samples.

6.0 DISCUSSION OF FINDINGS AND CONCLUSIONS

For the Camp Smith neighborhood:

1) As shown on Figure 4, the following compounds exceeded their respective Tier 2 EAL in at least one sample composite:
    - aldrin
    - dieldrin
2) No samples had more than three (3) detections of a carcinogenic compound, which is a requirement for use of the Tier 2 EAL comparison criteria.
3) Lead concentrations were below the Tier 2 EAL of 400 mg/kg for all samples.
4) Of the three buildings sampled, only one building (677 Baugh Road) had samples with pesticide concentrations which exceeded their respective Tier 2 EAL criteria. Results are shown graphically on Figure 4, where the sub-slab exceedances are shown in green and the perimeter exceedances are shown in blue.

    The composited perimeter sample collected at 677 Baugh Road (shown on Figure 4) had a detection of 0.62 mg/kg for dieldrin at 1 ft bgs and 0.18 mg/kg for dieldrin at 2 ft bgs. These concentrations both exceed the Tier 2 EAL of 0.10 mg/kg for dieldrin. It should be noted that all three of the perimeter locations for this particular home were collected at a distance of only 6 inches from the foundation slab. Concentrations of dieldrin, as well as aldrin, in the composited sub-slab sample that was also collected at this building were also above their respective Tier 2 EALs.
5) With the exception of 677 Baugh Road (as described above), pesticide concentrations in all other perimeter, sub-slab, and common area samples were not above their respective Tier 2 EALs. Because the perimeter samples at 677 Baugh Road were collected at only 6-inches from the slab, pesticide impacted soils appear to be generally confined only to soils underneath the slab itself and/or within a two-foot area immediately adjacent to the slab (i.e. the distance at which most other perimeter samples were collected).
6) Concentrations generally attenuated with depth, as shown by the relative concentrations at 1 ft bgs and 2 ft bgs on Figure 4.

Based on these results and conclusions, Parsons recommends that during demolition and construction activities for the Camp Smith neighborhood that soil underneath all existing building foundations and within a two-foot distance of the foundations be managed as pesticide impacted soil according to the "*Pesticide Impacted Soils Management Plan*" (Parsons, 2006). Mitigation measures for other soil outside of these areas does not appear to be warranted.

7.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

Parsons declares that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in Section 312.10 of Title 40, Code of Federal Regulations (CFR), Part 312 dated 1 November 2005.

We have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR 312.

Signature: (b) (6) Date: September 2006

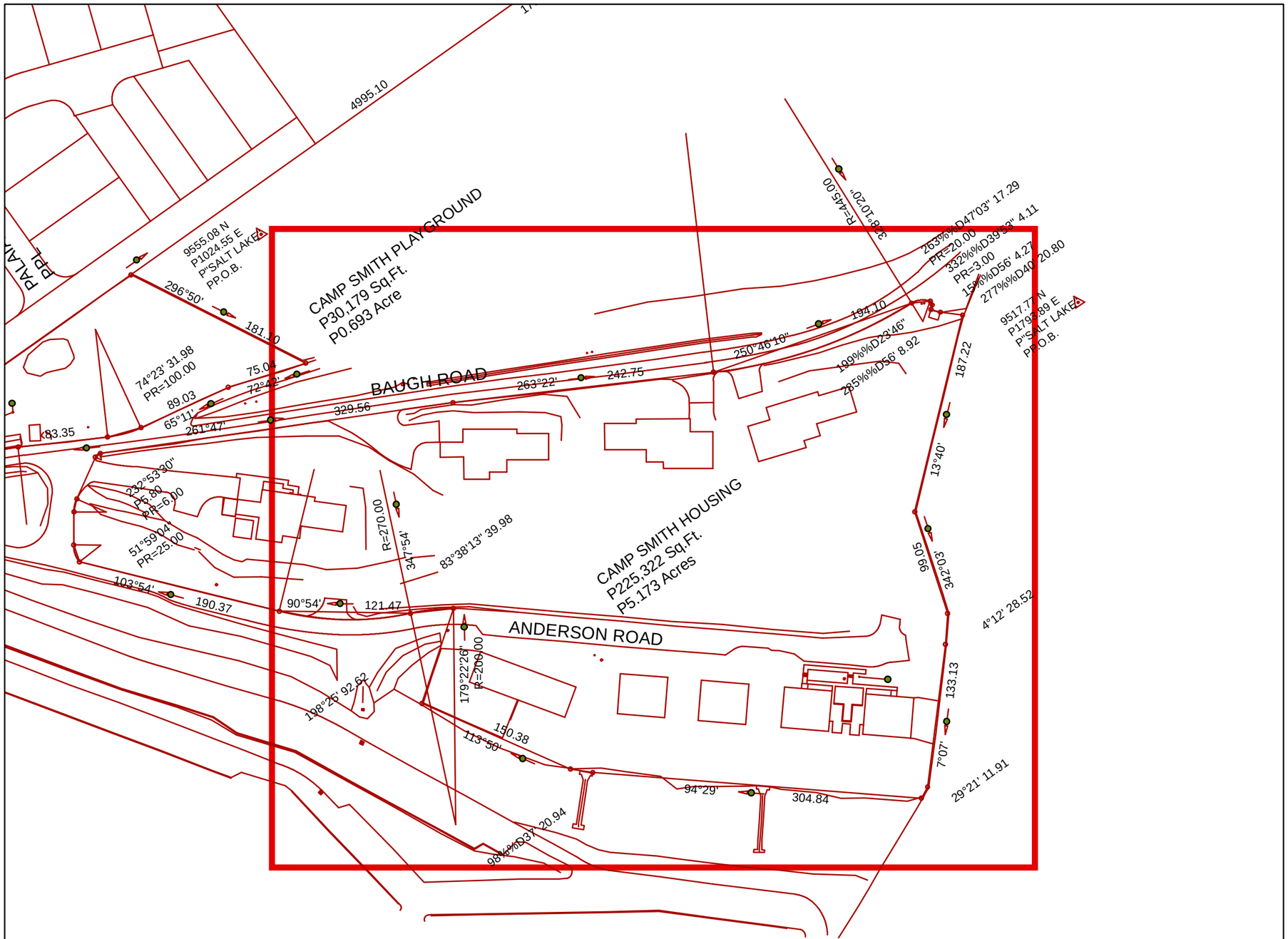
(b) (6), P.E.

FIGURES

Figure 1

Camp Smith

Over Locations



Legend

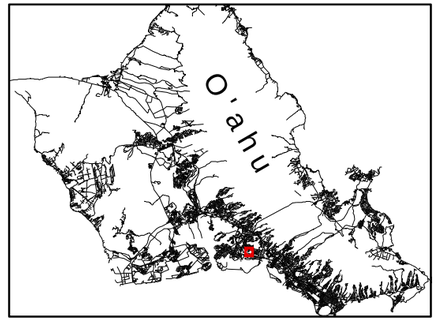
Sample Types

- Common Area (C)
- Area Perimeter (P)
- Sub-Slab (S)

LOCID Definition:
2231K-C00
Building ID | Sample ID
Sample Type

Sample ID Definitions:
00 - Composite Sample
01 - Individual Sample

Note:
1. All units reported in mg/kg.



100 50 0 100
Feet

PARSONS

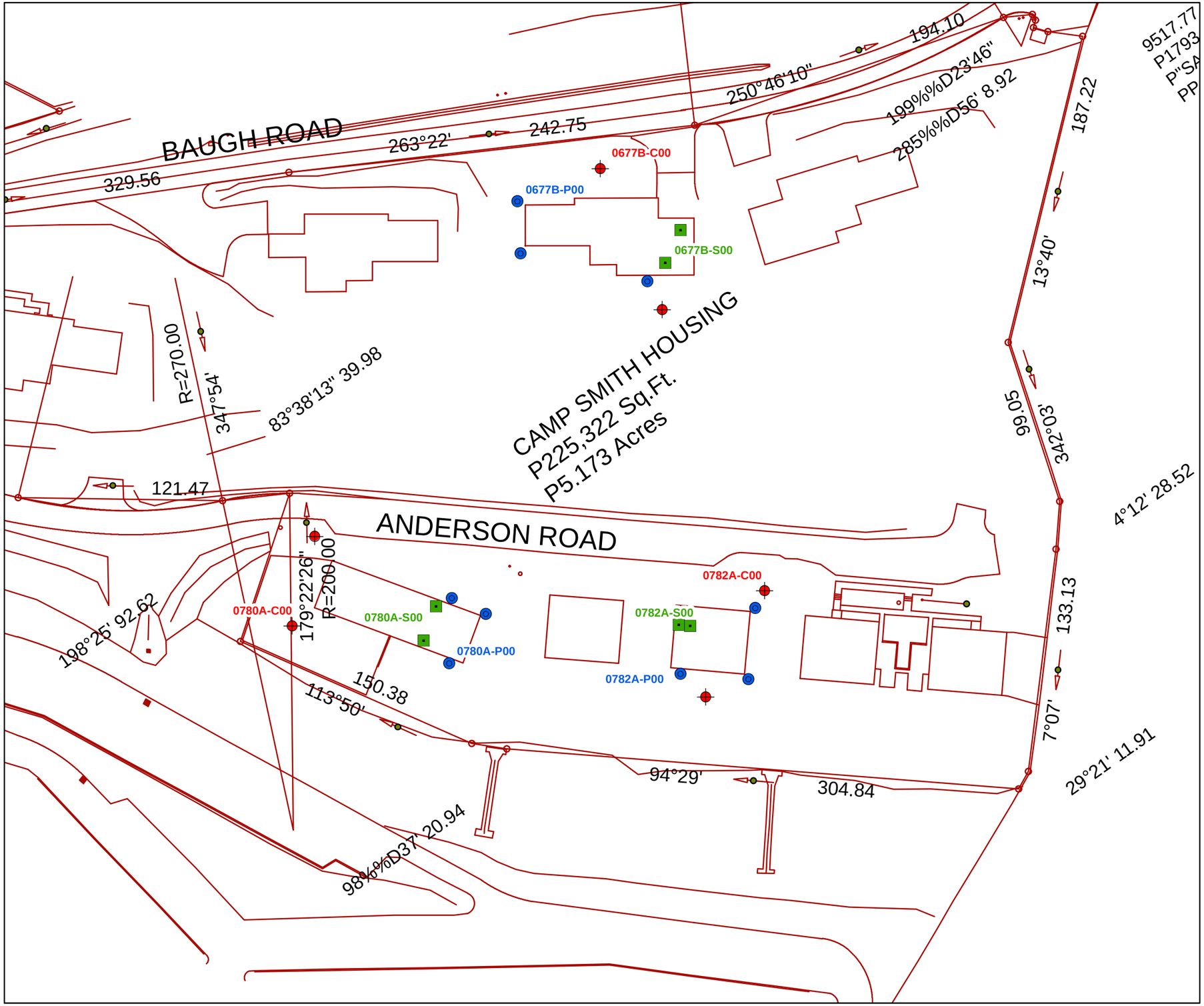
Forest City Enterprises

DESIGNED BY: GLP	Camp Smith Housing Area O'ahu, Hawaii
DRAWN BY: GLP	SCALE: 1 inch equals 100 feet; PROJECT NUMBER: 442221
CHECKED BY: EHH	DATE: August 2006; PAGE NUMBER: 3-x
SUBMITTED BY: LGL	FILE: w:\hawaii\mapfiles\camp_smith\Fig1_ov.mxd

Figure 2

Camp Smith

Sample Locations



Legend

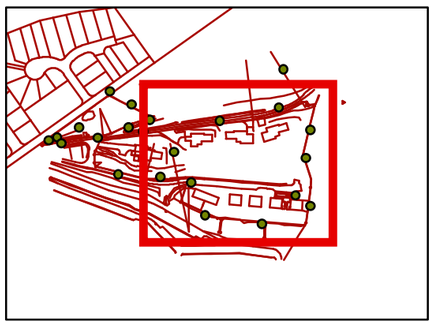
Sample Types

- Common Area (C)
- Area Perimeter (P)
- Sub-Slab (S)

LOCID Definition:
2231K-C00
Building ID | Sample ID
Sample Type

Sample ID Definitions:
00 - Composite Sample
01 - Individual Sample

Note:
1.



60 30 0 60
Feet

PARSONS

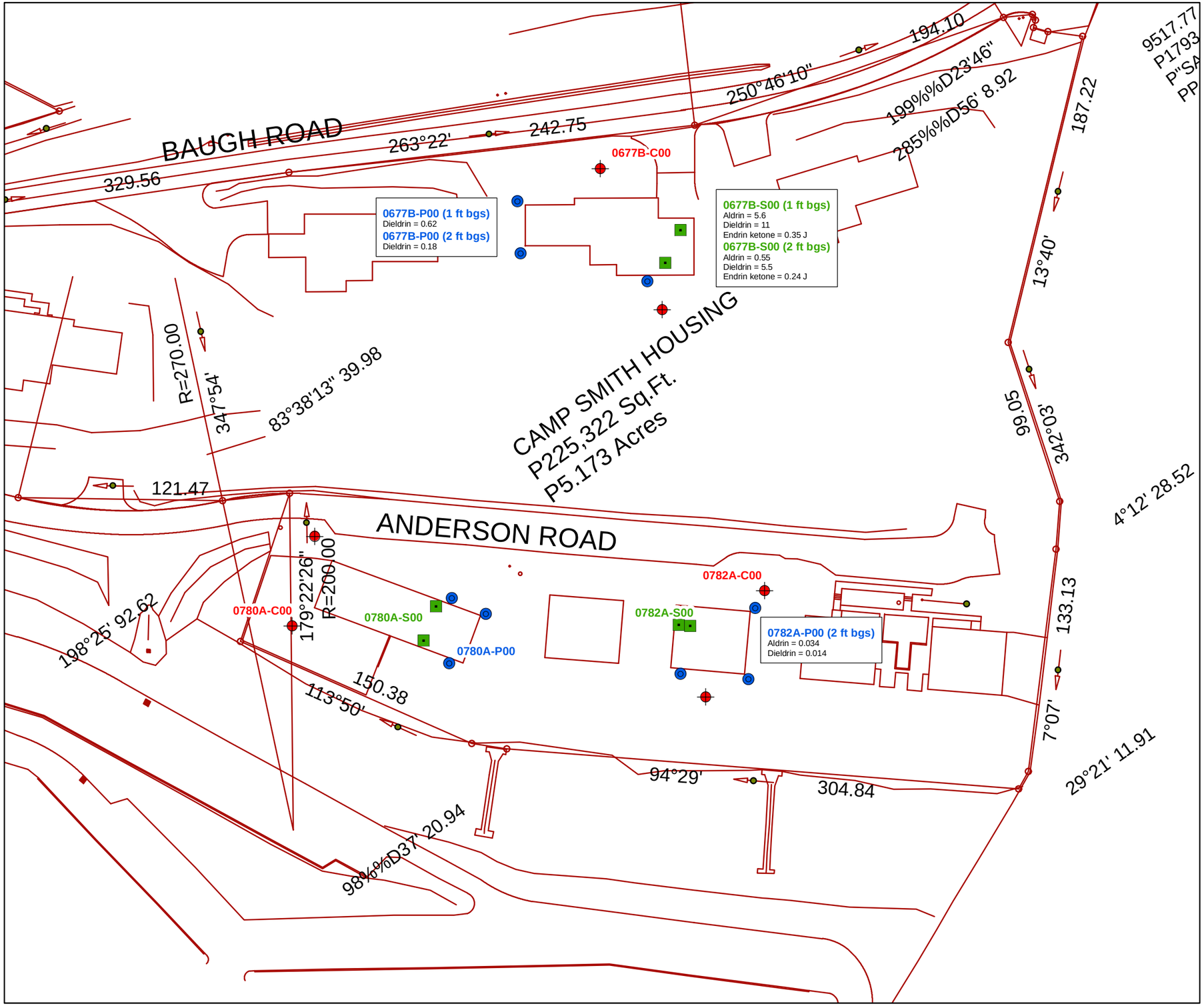
Forest City Enterprises

DESIGNED BY: GLP	Camp Smith Housing Area O'ahu, Hawaii
DRAWN BY: GLP	
CHECKED BY: EHH	SCALE: 1 inch equals 60 feet PROJECT NUMBER: 442221
SUBMITTED BY: LGL	DATE: August 2006 PAGE NUMBER: 3-x
	FILE: w:\hawaii\mapfiles\camp_smith\Fig2_samp_loc.mxd

Figure 3

Camp Smith

Concentrations of Contaminants That Exceed HDOH Tier 1 Environmental Action Levels



Legend

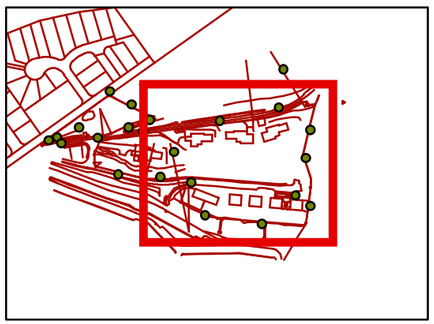
Sample Types

- Common Area (C)
- Area Perimeter (P)
- Sub-Slab (S)

LOCID Definition:
2231K-C00
Building ID | Sample ID
Sample Type

Sample ID Definitions:
00 - Composite Sample
01 - Individual Sample

Note:
1. All units reported in mg/kg.



60 30 0 60
Feet

PARSONS

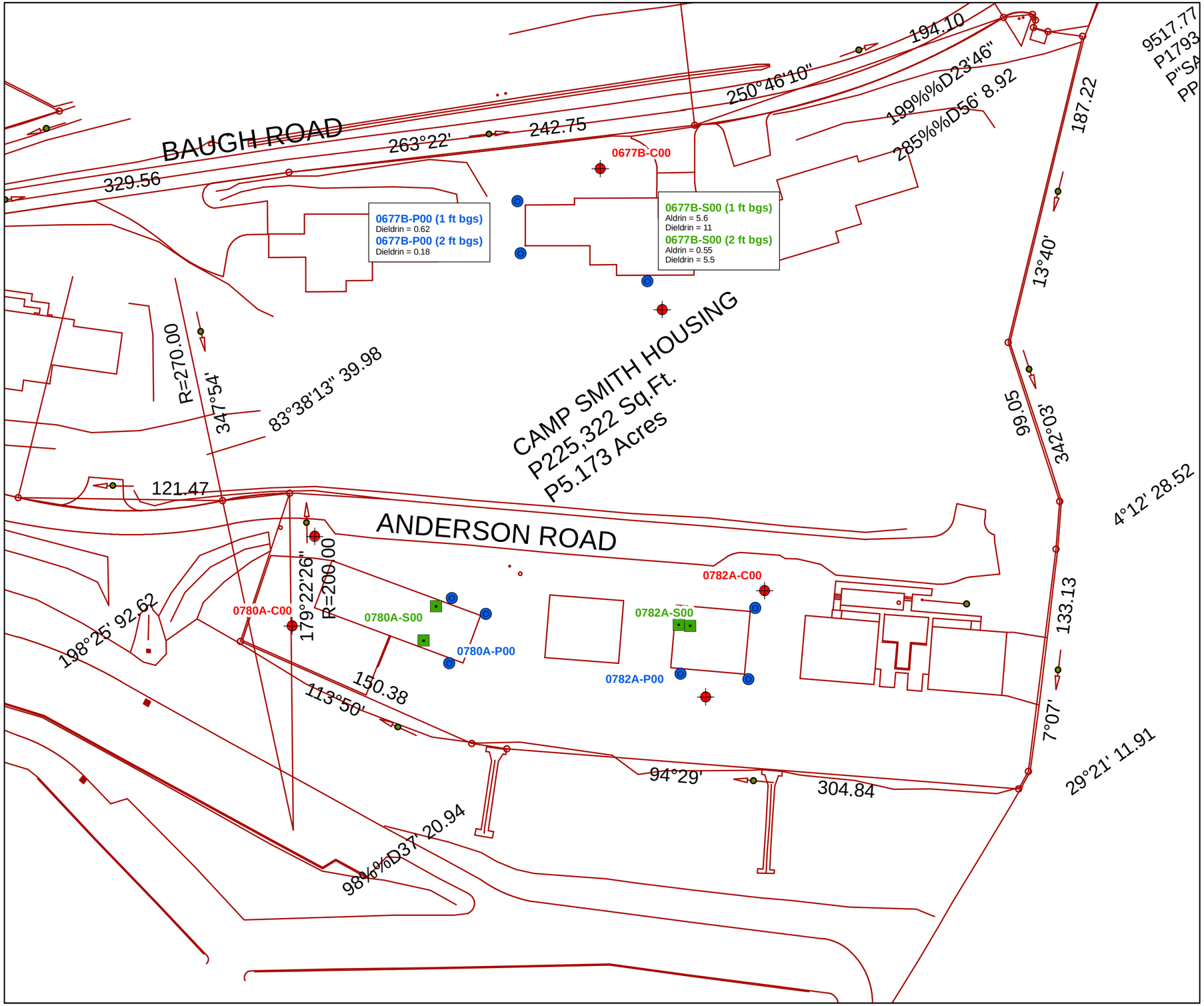
Forest City Enterprises

DESIGNED BY: GLP	Camp Smith Housing Area O'ahu, Hawaii		
DRAWN BY: GLP			
CHECKED BY: EHH	SCALE: 1 inch equals 60 feet	PROJECT NUMBER: 442221	
SUBMITTED BY: LGL	DATE: August 2006	PAGE NUMBER: 3-x	
	FILE: w:\hawaii\mapfiles\camp_smith\Fig3_t1.mxd		

Figure 4

Camp Smith

Concentrations of Contaminants That Exceed Site Specific Tier 2 Environmental Action Levels



Legend

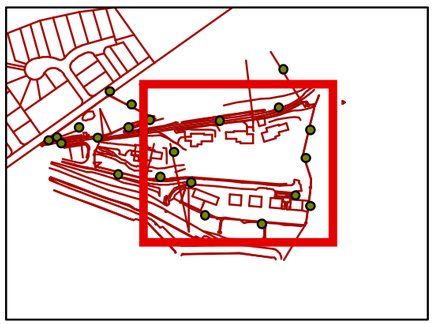
Sample Types

- Common Area (C)
- Area Perimeter (P)
- Sub-Slab (S)

LOCID Definition:
2231K-C00
Building ID | Sample ID
Sample Type

Sample ID Definitions:
00 - Composite Sample
01 - Individual Sample

Note:
1. All units reported in mg/kg.



N

60 30 0 60
Feet

PARSONS

Forest City Enterprises

DESIGNED BY: GLP	Camp Smith Housing Area O'ahu, Hawaii		
DRAWN BY: GLP			
CHECKED BY: EHH	SCALE: 1 inch equals 60 feet	PROJECT NUMBER: 442221	
SUBMITTED BY: LGL	DATE: August 2006	PAGE NUMBER: 3-x	
	FILE: w:\hawaii\mapfiles\camp_smith\Fig4_t2.mxd		

APPENDIX 1 – LABORATORY RESULTS

SEVERN TRENT STL

STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

Tel: 916 373 5600 Fax: 916 372 1059
www.stl-inc.com

July 27, 2006

STL SACRAMENTO PROJECT NUMBER: G6F230422
PO/CONTRACT:

(b) (6)
Parsons Corporation
1132 Bishop St. Suite 2102
Honolulu, HI 96813

(b) (6)

This report contains the analytical results for the samples received under chain of custody by STL Sacramento on June 23, 2006. These samples are associated with your 442221 project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (b) (6)

Sincerely,

(b) (6)
Project Manager

TABLE OF CONTENTS

STL SACRAMENTO PROJECT NUMBER G6F230422

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G6F230422

SOLID, 8081A, Pesticides STD List
Sample(s): 43, 45, 52
These samples were re-extracted outside of the 14 days hold time suggested by the method due to low surrogate recoveries. Both sets of data are reported.

Sample(s): 43, 52
The method blank (MB) associated with these re-extracted samples tested positive for aldrin, dieldrin and 4,4'-DDT. The concentrations were above the method detection limit (MDL) but below 1/2 the reporting limit (RL), therefore the data is reported with no further action. Samples with positive detections of these analytes have been B flagged.

Insufficient sample volume was available for a matrix spike/matrix spike duplicate (MS/MSD). A laboratory control sample/laboratory control sample duplicate (LCS/LCSD) was prepared instead.

SOLID, 6010B, Pb only
Samples: 38 through 53
The MSD recovery for lead was below the control limit of 80% at 69%. The LCS as well as the relative percent difference (RPD) between the MS/MSD was in control. Therefore the data is reported with no corrective action.

There were no other anomalies associated with this project.

SEVERN TRENT STL

ACCREDITED IN ACCORDANCE WITH nelac

STL Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	Oregon*	CA 200005
Arizona	AZ0616	Pennsylvania	68-1272
Arkansas	04-067-0	South Carolina	87014002
California*	01119CA	Texas	TX 270-2004A
Colorado	NA	Utah*	QUAN1
Connecticut	PH-0691	Virginia	00178
Florida*	E87570	Washington	C087
Georgia	960	West Virginia	9930C, 334
Hawaii	NA	Wisconsin	998204680
Louisiana*	01944	NFESC	NA
Michigan	9947	USACE	NA
Nevada	CA44	USDA Foreign Plant	37-82605
New Jersey*	CA005	USDA Foreign Soil	S-46613
New York*	11666		

*NELAP accredited. A more detailed parameter list is available upon request. Update 1/27/05

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also be used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

Sample Summary
G6F230422

WO#	Sample #	Client Sample ID	Sampling Date	Received Date
H75WH	1	782A-3-1	6/22/2006 09:40 AM	6/23/2006 09:00 AM
H75WL	2	782A-4-1	6/22/2006 10:00 AM	6/23/2006 09:00 AM
H75WM	3	782A-5-1	6/22/2006 10:10 AM	6/23/2006 09:00 AM
H75WN	4	782A-3-2	6/22/2006 09:40 AM	6/23/2006 09:00 AM
H75WP	5	782A-4-2	6/22/2006 10:00 AM	6/23/2006 09:00 AM
H75WQ	6	782A-5-2	6/22/2006 10:10 AM	6/23/2006 09:00 AM
H75WR	7	780A-7-1	6/22/2006 11:00 AM	6/23/2006 09:00 AM
H75WT	8	780A-8-1	6/22/2006 11:10 AM	6/23/2006 09:00 AM
H75WV	9	780A-7-2	6/22/2006 11:00 AM	6/23/2006 09:00 AM
H75WW	10	780A-8-2	6/22/2006 11:10 AM	6/23/2006 09:00 AM
H75WX	11	780A-1-1	6/22/2006 10:40 AM	6/23/2006 09:00 AM
H75W0	12	780A-2-1	6/22/2006 10:50 AM	6/23/2006 09:00 AM
H75W1	13	780A-1-2	6/22/2006 10:40 AM	6/23/2006 09:00 AM
H75W2	14	780A-2-2	6/22/2006 10:50 AM	6/23/2006 09:00 AM
H75W3	15	780A-3-1	6/22/2006 10:15 AM	6/23/2006 09:00 AM
H75W4	16	780A-4-1	6/22/2006 10:20 AM	6/23/2006 09:00 AM
H75W5	17	780A-5-1	6/22/2006 10:30 AM	6/23/2006 09:00 AM
H75W6	18	780A-3-2	6/22/2006 10:15 AM	6/23/2006 09:00 AM
H75W8	19	780A-4-2	6/22/2006 10:20 AM	6/23/2006 09:00 AM
H75W9	20	780A-5-2	6/22/2006 10:30 AM	6/23/2006 09:00 AM
H75XA	21	2579J-3-2	6/21/2006 01:15 PM	6/23/2006 09:00 AM
H75XC	22	2579J-4-2	6/21/2006 01:30 PM	6/23/2006 09:00 AM
H75XD	23	2579J-5-2	6/21/2006 01:40 PM	6/23/2006 09:00 AM
H75XE	24	2579J-1-1	6/21/2006 01:20 PM	6/23/2006 09:00 AM
H75XF	25	2579J-2-1	6/21/2006 01:55 PM	6/23/2006 09:00 AM
H75XG	26	2579J-1-2	6/21/2006 01:20 PM	6/23/2006 09:00 AM
H75XJ	27	2579J-2-2	6/21/2006 01:55 PM	6/23/2006 09:00 AM
H75XK	28	2579J-7-1	6/21/2006 01:15 PM	6/23/2006 09:00 AM
H75XL	29	2579J-8-1	6/21/2006 01:30 PM	6/23/2006 09:00 AM
H75XM	30	782A-7-1	6/22/2006 09:15 AM	6/23/2006 09:00 AM
H75XN	31	782A-8-1	6/22/2006 09:30 AM	6/23/2006 09:00 AM
H75XP	32	782A-7-2	6/22/2006 09:15 AM	6/23/2006 09:00 AM
H75XQ	33	782A-8-2	6/22/2006 09:30 AM	6/23/2006 09:00 AM
H75XT	34	782A-1-1	6/22/2006 09:50 AM	6/23/2006 09:00 AM
H75XV	35	782A-2-1	6/22/2006 10:15 AM	6/23/2006 09:00 AM
H75XW	36	782A-2-2	6/22/2006 10:15 AM	6/23/2006 09:00 AM
H75X0	37	782A-1-2	6/22/2006 09:50 AM	6/23/2006 09:00 AM
H75X1	38	782A-3-1,4-1,5-1 COMPOSITE	6/22/2006	6/23/2006 09:00 AM
H75X1	38	782A-3-1,4-1,5-1 COMPOSITE DUP	6/22/2006	6/23/2006 09:00 AM
H750K	39	782A-3-2,4-2,5-2 COMPOSITE	6/22/2006	6/23/2006 09:00 AM
H750L	40	780A-7-1,8-1 COMPOSITE	6/22/2006	6/23/2006 09:00 AM
H750N	41	780A-7-2,8-2 COMPOSITE	6/22/2006	6/23/2006 09:00 AM
H750P	42	780A-1-1,2-1 COMPOSITE	6/22/2006	6/23/2006 09:00 AM
H750Q	43	780A-1-2,2-2 COMPOSITE	6/22/2006	6/23/2006 09:00 AM
H750R	44	780A-3-1,4-1,5-1 COMPOSITE	6/22/2006	6/23/2006 09:00 AM
H750T	45	780A-3-2,4-2,5-2 COMPOSITE	6/22/2006	6/23/2006 09:00 AM
H750V	46	2579J-1-1,2-1 COMPOSITE	6/21/2006	6/23/2006 09:00 AM

Sample Summary
G6F230422

H750W	47	2579J-1-2,2-2 COMPOSITE	6/21/2006	6/23/2006 09:00 AM
H750X	48	2579J-7-1,8-1 COMPOSITE	6/21/2006	6/23/2006 09:00 AM
H7500	49	782A-7-1,8-1 COMPOSITE	6/21/2006	6/23/2006 09:00 AM
H7501	50	782A-7-2,8-2 COMPOSITE	6/21/2006	6/23/2006 09:00 AM
H7502	51	782A-1-1,2-1 COMPOSITE	6/21/2006	6/23/2006 09:00 AM
H7503	52	782A-2-2,1-2 COMPOSITE	6/21/2006	6/23/2006 09:00 AM
H78DW	53	2479J-3-2,4-2,5-2 COMPOSITE	6/21/2006	6/23/2006 09:00 AM

Notes(s):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity, pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight

CHAIN-OF-CUSTODY RECORD

G6F230422

CLIENT: Parsons

ADDRESS: 1132 Bishop St. #2102

PHONE: 808-748-7576 FAX: 808-748-7575

EMAIL: (b) (6) @ parsons.com

CLIENT PROJECT #: 442221 Project Manager: (b) (6)

TAT (circle one): 24-hr. 48-hr. 5-day or Other: STP

DATE: 6-22-06 PAGE 4 OF 5

ESN PROJECT #:

LOCATION/PROJECT NAME: Forest City

COLLECTOR: KG / BM DATE COLLECTED: 6-22-06

	Sample ID#	Depth	Time	Sample Type	Container Type	8021b HVOC	8021b VOC	8021b BTEX	8021b MtBE	8015 Fuel Scan	8015 TPH-Gas	8015 TPH-Diesel	8015 TPH-Oil	8081 Pest.	8082 PCB	8100 PAH	8270 PAH	1010 FlashPoint	RCRA 8 Metals	Total: Pb Cd Cr As Hg or TCLP	Level 60/10			Comments	# of Containers
1	782A-3-1	1.0	0940	Soil	402 jar																				1
2	782A-4-1	1.0	1000											X							X			composite	1
3	782A-5-1	1.0	1010																						1
4	782A-3-2	2.0	0940																						1
5	782A-4-2	2.0	1000											X							X			composite	1
6	782A-5-2	2.0	1010																						1
7	780A-7-1	1.0	1100																						1
8	780A-8-1	1.0	1110											X							X			composite	1
9	780A-7-2	2.0	1100																						1
10	780A-8-2	2.0	1110											X							X			composite	1
11	780A-1-1	1.0	1040																						1
12	780A-2-1	1.0	1050											X							X			composite	1
13	780A-1-2	2.0	1040																						1
14	780A-2-2	2.0	1050											X							X			composite	1
15	780A-3-1	1.0	1015																						1
16	780A-4-1	1.0	1020											X							X			composite	1
17	780A-5-1	1.0	1030				ML																		1
18	780A-3-2	2.0	1015																						1
19	780A-4-2	2.0	1020											X							X			composite	1
20	780A-5-2	2.0	1030	↓	↓																				1

(b) (6) DATE/TIME 6.22.06/1500 RECIEVED BY (Signa DATE/TIME (b) (6) 13:07 6/23/06

RELINQUISHED BY:(Signature) DATE/TIME RECIEVED BY (Signa DATE/TIME

SAMPLE DISPOSAL INSTRUCTIONS: ____ ESN Dispose @ $2.00/sample or ____ Return to Client

SAMPLE RECEIPT:

TOTAL # OF CONTAINERS____

COC SEALS Y / N / NA

SEALS INTACT Y / N / NA

RECEIVED TEMP:____

LABORATORY NOTES:

CHAIN-OF-CUSTODY RECORD

CLIENT: Parsons
ADDRESS: 1132 Bishop St. #2102
PHONE: 808-748-7574 FAX: 808-748-7575
EMAIL: (b) (6) @parsons.com
CLIENT PROJECT #: 442221 Project Manager: (b) (6)

TAT (circle one): 24-hr. 48-hr. 5-day or Other: STD
DATE: 6-22-06 PAGE 5 OF 5
ESN PROJECT #:
LOCATION/PROJECT NAME: Forest City 6.22.06
COLLECTOR: BM / KG DATE COLLECTED: 6.21.06

	Sample ID#	Depth	Time	Sample Type	Container Type	8021b HVOC	8021b VOC	8021b BTEX	8021b MtBE	8015 Fuel Scan	8015 TPH-Gas	8015 TPH-Diesel	8015 TPH-Oil	8081 Pest.	8082 PCB	8100 PAH	8270 PAH	1010 FlashPoint	RCRA 8 Metals	Total: Pb Cd Cr As Hg or TCLP	Lead 6010			Comments	# of Containers	
1	2579J-3-2	2.0	1315	soil	4oz jar																				1	21
2	2579J-4-2	2.0	1330											X							X			composite	1	22
3	2579J-5-2	2.0	1340																						1	23
4	2579J-1-1	1.0	1320																						1	24
5	2579J-B2-1	1.0	1355											X							X			composite	1	25
6	2579J-1-B2	2.0	1320																						1	26
7	2579J-2-2	2.0	1355											X							X			composite	1	27
8	2579J-7-1	1.0	1315											X							X			composite	1	28
9	2579J-8-1	1.0	1330											[redacted]							[redacted]			[redacted]	[redacted]	29
10	~~2579J-7-2~~	~~2.0~~																							~~1~~	
11	~~2579J-8-2~~	~~2.0~~	~~1330~~											X							X			composite	~~1~~	
12	782A-7-1	1.0	0915																						1	30
13	782A-8-1	1.0	0935											X							X			composite	1	31
14	782A-7-2	2.0	0915																						1	32
15	782A-8-2	2.0	0930											X							X			composite	1	33
16	782A-1-1	1.0	0950																						1	34
17	782A-2-1	1.0	1015											X							X			composite	1	35
18	782A-2-2	2.0	1015					MS																	1	36
19	782A-1-B2	2.0	0950	↓	↓									X							X			composite	1	37
20																										

RELINQUISHED BY:(Signature) (b) (6) DATE/TIME 6-22-06/1500 RECIEVED BY (Signa (b) (6) DATE/TIME 13:07 6/23/06

RELINQUISHED BY:(Signature) DATE/TIME RECIEVED BY (Signa DATE/TIME

SAMPLE DISPOSAL INSTRUCTIONS: ____ ESN Dispose @ $2.00/sample or ____ Return to Client

SAMPLE RECEIPT:
TOTAL # OF CONTAINERS
COC SEALS Y / N / NA
SEALS INTACT Y / N / NA
RECEIVED TEMP:

LABORATORY NOTES:

SEVERN TRENT STL

LOT RECEIPT CHECKLIST
STL Sacramento

CLIENT Parsons PM PP LOG # 39615

LOT# (QUANTIMS ID) G6F230422 QUOTE# 70792 LOCATION W21E

		Initials	Date
DATE RECEIVED	6/23/06 TIME RECEIVED 0900	ME	6/23/06
DELIVERED BY	☑ FEDEX ☐ CA OVERNIGHT ☐ CLIENT ☐ AIRBORNE ☐ GOLDENSTATE ☐ DHL ☐ UPS ☐ BAX GLOBAL ☐ GO-GETTERS ☐ STL COURIER ☐ COURIERS ON DEMAND ☐ OTHER		
CUSTODY SEAL STATUS	☐ INTACT ☐ BROKEN ☑ N/A		
CUSTODY SEAL #(S)			
SHIPPPING CONTAINER(S)	☑ STL ☐ CLIENT ☐ N/A		
TEMPERTURE RECORD (IN °C)	IR 1☐ 3☑ ☐ OTHER		
COC #(S)			
TEMPERATURE BLANK	Observed: Corrected:		
SAMPLE TEMPERATURE Observed:	5.4 6.2 5.8 Average: 6.0 Corrected Average: 6.2		
COLLECTOR'S NAME:	☑ Verified from COC ☒ Not on COC W 6/23/06	CW	6/23/06
pH MEASURED	☐ YES ☐ ANOMALY ☑ N/A		
LABELED BY			
LABELS CHECKED BY			
PEER REVIEW	☑ NA		
SHORT HOLD TEST NOTIFICATION	SAMPLE RECEIVING		
	WETCHEM ☑ N/A		
	VOA-ENCORES ☑ N/A		
☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL	☑ N/A		
☑ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES	☐ N/A		
☐ Clouseau ☐ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1	☑ N/A		
☒ WET ICE ☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED	☐ PM NOTIFIED		

Notes: _____

*1 Acceptable temperature range for State of Wisconsin samples is ≤ 4°C.

SEVERN TRENT STL

Bottle Lot Inventory

Lot ID: G6F230422

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	39
VOA*																					
VOAh*																					
AGB																					
AGBs																					
250AGB																					
250AGBs																					
250AGBn																					
500AGB																					
____AGJ																					
500AGJ																					
250AGJ																					
125AGJ																					
____CGJ																					
500CGJ																					
250CGJ																					
125CGJ																					1
PJ																					
PJn																					
500PJ																					
500PJn																					
500PJna																					
500PJzn/na																					
250PJ																					
250PJn																					
250PJna																					
250PJzn/na																					
Acetate Tube																					
____"CT																					
Encore																					
Folder/filter																					
PUF																					
Petri/Filter																					
XAD Trap																					
Ziploc																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	39

s = sulfuric acid **na** = sodium hydroxide **n** = nitric acid **zn** = zinc acetate

umber of VOAs with air bubbles present / total number of VOA's

QA-185 3/05 EM

Page 2

38 39 40 41 ~~50~~ → 52

	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
VOA																				
VOAh																				
____AGB																				
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
250AGBna																				
____AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
____CGJ																				
500CGJ	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
250CGJ																				
125CGJ																				
____PB/PJ																				
____PBn/PJn																				
500PB/PJ																				
500PBn/PJn																				
500PBna																				
500PBzn/na																				
250PB																				
250PBn																				
250PBna																				
250PBzn/na																				
____"CT																				
ncore																				
older/Filter																				
UF																				
etri/Filter																				
AD Trap																				
iploc																				
	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60

38 50 53 M 6/26/06

= hydrochloric acid **s** = sulfuric acid **na** = sodium hydroxide n = nitric acid **zn** = zinc acetate

Number of VOA's with air bubbles present / total number of VOA's

X = composite

SOLID, 8081A, Pesticides STD List

Parsons Corporation

Client Sample ID: 782A-3-1,4-1,5-1 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-038 **Work Order #...:** H75X11AA **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06
Prep Date.....: 07/05/06 **Analysis Date..:** 07/14/06
Prep Batch #...: 6184405
Dilution Factor: 1
% Moisture.....: 28 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.4	ug/kg	0.16
gamma-BHC (Lindane)	ND	2.4	ug/kg	0.18
Heptachlor	ND	2.4	ug/kg	0.23
Aldrin	ND	2.4	ug/kg	0.16
beta-BHC	ND	2.4	ug/kg	0.16
delta-BHC	ND	2.4	ug/kg	0.092
Heptachlor epoxide	**2.0 J**	**2.4**	**ug/kg**	**0.15**
Endosulfan I	ND	2.4	ug/kg	0.24
gamma-Chlordane	ND	2.4	ug/kg	0.22
alpha-Chlordane	**6.3**	**2.4**	**ug/kg**	**0.30**
4,4'-DDE	**2.0 J**	**4.8**	**ug/kg**	**0.35**
Dieldrin	**2.6 J**	**4.8**	**ug/kg**	**0.31**
Endrin	ND	4.8	ug/kg	0.41
4,4'-DDD	ND	4.8	ug/kg	0.37
Endosulfan II	ND	4.8	ug/kg	0.43
4,4'-DDT	**2.0 J**	**4.8**	**ug/kg**	**0.18**
Endrin aldehyde	ND	4.8	ug/kg	0.24
Methoxychlor	ND	24	ug/kg	1.8
Endosulfan sulfate	ND	4.8	ug/kg	0.30
Endrin ketone	ND	4.8	ug/kg	0.33
Toxaphene	ND	94	ug/kg	30

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	81	(55 - 130)
Tetrachloro-m-xylene	87	(70 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Parsons Corporation

Client Sample ID: 782A-3-2,4-2,5-2 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-039 **Work Order #...:** H750K1AA **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06
Prep Date.....: 07/05/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6184405
Dilution Factor: 2
% Moisture.....: 27 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	4.7	ug/kg	0.32
gamma-BHC (Lindane)	ND	4.7	ug/kg	0.35
Heptachlor	ND	4.7	ug/kg	0.45
Aldrin	**34**	**4.7**	**ug/kg**	**0.31**
beta-BHC	ND	4.7	ug/kg	0.32
delta-BHC	ND	4.7	ug/kg	0.18
Heptachlor epoxide	ND	4.7	ug/kg	0.29
Endosulfan I	ND	4.7	ug/kg	0.47
gamma-Chlordane	ND	4.7	ug/kg	0.43
alpha-Chlordane	ND	4.7	ug/kg	0.58
4,4'-DDE	ND	9.3	ug/kg	0.69
Dieldrin	**14**	**9.3**	**ug/kg**	**0.61**
Endrin	ND	9.3	ug/kg	0.80
4,4'-DDD	ND	9.3	ug/kg	0.72
Endosulfan II	ND	9.3	ug/kg	0.84
4,4'-DDT	**1.7 J**	**9.3**	**ug/kg**	**0.36**
Endrin aldehyde	ND	9.3	ug/kg	0.47
Methoxychlor	ND	47	ug/kg	3.4
Endosulfan sulfate	ND	9.3	ug/kg	0.59
Endrin ketone	ND	9.3	ug/kg	0.64
Toxaphene	ND	180	ug/kg	58

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	75	(55 - 130)
Tetrachloro-m-xylene	73	(70 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Parsons Corporation

Client Sample ID: 780A-7-1,8-1 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-040 **Work Order #...:** H750L1AA **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06
Prep Date.....: 07/05/06 **Analysis Date..:** 07/14/06
Prep Batch #...: 6184405
Dilution Factor: 100
% Moisture.....: 26 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	230	ug/kg	16
gamma-BHC (Lindane)	ND	230	ug/kg	17
Heptachlor	ND	230	ug/kg	22
Aldrin	ND	230	ug/kg	15
beta-BHC	ND	230	ug/kg	16
delta-BHC	ND	230	ug/kg	8.9
Heptachlor epoxide	ND	230	ug/kg	14
Endosulfan I	ND	230	ug/kg	23
gamma-Chlordane	**410**	**230**	**ug/kg**	**21**
alpha-Chlordane	**350**	**230**	**ug/kg**	**29**
4,4'-DDE	ND	460	ug/kg	34
Dieldrin	ND	460	ug/kg	30
Endrin	ND	460	ug/kg	40
4,4'-DDD	ND	460	ug/kg	35
Endosulfan II	ND	460	ug/kg	42
4,4'-DDT	ND	460	ug/kg	18
Endrin aldehyde	ND	460	ug/kg	23
Methoxychlor	ND	2300	ug/kg	170
Endosulfan sulfate	ND	460	ug/kg	29
Endrin ketone	ND	460	ug/kg	32
Toxaphene	ND	9100	ug/kg	2900

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	0.0 SRD	(55 - 130)
Tetrachloro-m-xylene	0.0 SRD	(70 - 125)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 780A-7-2,8-2 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-041 **Work Order #...:** H750N1AA **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06
Prep Date.....: 07/05/06 **Analysis Date..:** 07/14/06
Prep Batch #...: 6184405
Dilution Factor: 100
% Moisture.....: 25 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	230	ug/kg	16
gamma-BHC (Lindane)	ND	230	ug/kg	17
Heptachlor	**38 J**	**230**	**ug/kg**	**22**
Aldrin	ND	230	ug/kg	15
beta-BHC	ND	230	ug/kg	16
delta-BHC	ND	230	ug/kg	8.8
Heptachlor epoxide	ND	230	ug/kg	14
Endosulfan I	ND	230	ug/kg	23
gamma-Chlordane	**350**	**230**	**ug/kg**	**21**
alpha-Chlordane	**350**	**230**	**ug/kg**	**28**
4,4'-DDE	ND	450	ug/kg	34
Dieldrin	ND	450	ug/kg	30
Endrin	ND	450	ug/kg	39
4,4'-DDD	ND	450	ug/kg	35
Endosulfan II	ND	450	ug/kg	41
4,4'-DDT	ND	450	ug/kg	17
Endrin aldehyde	ND	450	ug/kg	23
Methoxychlor	ND	2300	ug/kg	170
Endosulfan sulfate	ND	450	ug/kg	29
Endrin ketone	ND	450	ug/kg	31
Toxaphene	ND	9000	ug/kg	2900

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	0.0 SRD	(55 - 130)
Tetrachloro-m-xylene	0.0 SRD	(70 - 125)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Parsons Corporation

Client Sample ID: 780A-1-1,2-1 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-042 **Work Order #...:** H750P1AA **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06
Prep Date.....: 07/05/06 **Analysis Date..:** 07/14/06
Prep Batch #...: 6184405
Dilution Factor: 1
% Moisture.....: 24 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.3	ug/kg	0.15
gamma-BHC (Lindane)	ND	2.3	ug/kg	0.17
Heptachlor	ND	2.3	ug/kg	0.22
Aldrin	ND	2.3	ug/kg	0.15
beta-BHC	ND	2.3	ug/kg	0.16
delta-BHC	ND	2.3	ug/kg	0.087
Heptachlor epoxide	ND	2.3	ug/kg	0.14
Endosulfan I	ND	2.3	ug/kg	0.23
gamma-Chlordane	ND	2.3	ug/kg	0.21
alpha-Chlordane	**1.2 J**	**2.3**	**ug/kg**	**0.28**
4,4'-DDE	**0.90 J,PG**	**4.5**	**ug/kg**	**0.33**
Dieldrin	ND	4.5	ug/kg	0.30
Endrin	ND	4.5	ug/kg	0.39
4,4'-DDD	ND	4.5	ug/kg	0.35
Endosulfan II	ND	4.5	ug/kg	0.41
4,4'-DDT	**0.90 J**	**4.5**	**ug/kg**	**0.17**
Endrin aldehyde	ND	4.5	ug/kg	0.23
Methoxychlor	ND	23	ug/kg	1.7
Endosulfan sulfate	ND	4.5	ug/kg	0.29
Endrin ketone	ND	4.5	ug/kg	0.31
Toxaphene	ND	89	ug/kg	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	75	(55 - 130)
Tetrachloro-m-xylene	77	(70 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

PG The percent difference between the original and confirmation analyses is greater than 40%.

Parsons Corporation

Client Sample ID: 780A-1-2,2-2 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-043 **Work Order #...:** H750Q1AA **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06
Prep Date.....: 07/05/06 **Analysis Date..:** 07/14/06
Prep Batch #...: 6184405
Dilution Factor: 1
% Moisture.....: 27 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.3	ug/kg	0.16
gamma-BHC (Lindane)	ND	2.3	ug/kg	0.18
Heptachlor	ND	2.3	ug/kg	0.23
Aldrin	**0.79 J,PG**	**2.3**	**ug/kg**	**0.16**
beta-BHC	ND	2.3	ug/kg	0.16
delta-BHC	ND	2.3	ug/kg	0.090
Heptachlor epoxide	ND	2.3	ug/kg	0.15
Endosulfan I	ND	2.3	ug/kg	0.24
gamma-Chlordane	ND	2.3	ug/kg	0.21
alpha-Chlordane	ND	2.3	ug/kg	0.29
4,4'-DDE	ND	4.7	ug/kg	0.35
Dieldrin	**0.43 J**	**4.7**	**ug/kg**	**0.31**
Endrin	ND	4.7	ug/kg	0.40
4,4'-DDD	ND	4.7	ug/kg	0.36
Endosulfan II	ND	4.7	ug/kg	0.42
4,4'-DDT	**0.68 J,PG**	**4.7**	**ug/kg**	**0.18**
Endrin aldehyde	ND	4.7	ug/kg	0.24
Methoxychlor	ND	23	ug/kg	1.7
Endosulfan sulfate	ND	4.7	ug/kg	0.30
Endrin ketone	ND	4.7	ug/kg	0.32
Toxaphene	ND	92	ug/kg	29

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	54 *	(55 - 130)
Tetrachloro-m-xylene	66 *	(70 - 125)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

PG The percent difference between the original and confirmation analyses is greater than 40%.

Parsons Corporation

Client Sample ID: 780A-1-2,2-2 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-043 **Work Order #...:** H750Q2AA **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06
Prep Date.....: 07/20/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6201303
Dilution Factor: 1
% Moisture.....: 27 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.3	ug/kg	0.16
gamma-BHC (Lindane)	ND	2.3	ug/kg	0.18
Heptachlor	ND	2.3	ug/kg	0.23
Aldrin	**14 B**	**2.3**	**ug/kg**	**0.16**
beta-BHC	ND	2.3	ug/kg	0.16
delta-BHC	ND	2.3	ug/kg	0.090
Heptachlor epoxide	ND	2.3	ug/kg	0.15
Endosulfan I	ND	2.3	ug/kg	0.24
gamma-Chlordane	ND	2.3	ug/kg	0.21
alpha-Chlordane	ND	2.3	ug/kg	0.29
4,4'-DDE	ND	4.7	ug/kg	0.35
Dieldrin	**4.0 J,B**	**4.7**	**ug/kg**	**0.31**
Endrin	ND	4.7	ug/kg	0.40
4,4'-DDD	ND	4.7	ug/kg	0.36
Endosulfan II	ND	4.7	ug/kg	0.42
4,4'-DDT	**0.41 J,B**	**4.7**	**ug/kg**	**0.18**
Endrin aldehyde	ND	4.7	ug/kg	0.24
Methoxychlor	ND	23	ug/kg	1.7
Endosulfan sulfate	ND	4.7	ug/kg	0.30
Endrin ketone	ND	4.7	ug/kg	0.32
Toxaphene	ND	92	ug/kg	29

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	79	(55 - 130)
Tetrachloro-m-xylene	88	(70 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

J Estimated result. Result is less than RL.

Parsons Corporation

Client Sample ID: 780A-3-1,4-1,5-1 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-044 **Work Order #...:** H750R1AA **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06
Prep Date.....: 07/05/06 **Analysis Date..:** 07/14/06
Prep Batch #...: 6184405
Dilution Factor: 5
% Moisture.....: 25 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	11	ug/kg	0.78
gamma-BHC (Lindane)	ND	11	ug/kg	0.86
Heptachlor	ND	11	ug/kg	1.1
Aldrin	ND	11	ug/kg	0.76
beta-BHC	ND	11	ug/kg	0.78
delta-BHC	ND	11	ug/kg	0.44
Heptachlor epoxide	ND	11	ug/kg	0.71
Endosulfan I	ND	11	ug/kg	1.1
gamma-Chlordane	**1.9 J**	**11**	**ug/kg**	**1.0**
alpha-Chlordane	**9.8 J**	**11**	**ug/kg**	**1.4**
4,4'-DDE	ND	23	ug/kg	1.7
Dieldrin	ND	23	ug/kg	1.5
Endrin	ND	23	ug/kg	2.0
4,4'-DDD	ND	23	ug/kg	1.7
Endosulfan II	ND	23	ug/kg	2.1
4,4'-DDT	ND	23	ug/kg	0.87
Endrin aldehyde	ND	23	ug/kg	1.1
Methoxychlor	ND	110	ug/kg	8.4
Endosulfan sulfate	ND	23	ug/kg	1.4
Endrin ketone	ND	23	ug/kg	1.6
Toxaphene	ND	450	ug/kg	140

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	0.0 SRD	(55 - 130)
Tetrachloro-m-xylene	0.0 SRD	(70 - 125)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Parsons Corporation

Client Sample ID: 780A-3-2,4-2,5-2 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-045 **Work Order #...:** H750T1AA **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06
Prep Date.....: 07/05/06 **Analysis Date..:** 07/14/06
Prep Batch #...: 6184405
Dilution Factor: 1
% Moisture.....: 23 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.2	ug/kg	0.15
gamma-BHC (Lindane)	ND	2.2	ug/kg	0.17
Heptachlor	ND	2.2	ug/kg	0.22
Aldrin	**3.2**	**2.2**	**ug/kg**	**0.15**
beta-BHC	ND	2.2	ug/kg	0.15
delta-BHC	ND	2.2	ug/kg	0.085
Heptachlor epoxide	**0.22 J**	**2.2**	**ug/kg**	**0.14**
Endosulfan I	ND	2.2	ug/kg	0.22
gamma-Chlordane	ND	2.2	ug/kg	0.20
alpha-Chlordane	ND	2.2	ug/kg	0.28
4,4'-DDE	ND	4.4	ug/kg	0.33
Dieldrin	**1.6 J**	**4.4**	**ug/kg**	**0.29**
Endrin	ND	4.4	ug/kg	0.38
4,4'-DDD	ND	4.4	ug/kg	0.34
Endosulfan II	ND	4.4	ug/kg	0.40
4,4'-DDT	ND	4.4	ug/kg	0.17
Endrin aldehyde	ND	4.4	ug/kg	0.22
Methoxychlor	ND	22	ug/kg	1.6
Endosulfan sulfate	ND	4.4	ug/kg	0.28
Endrin ketone	ND	4.4	ug/kg	0.31
Toxaphene	ND	87	ug/kg	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	70	(55 - 130)
Tetrachloro-m-xylene	62 *	(70 - 125)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Parsons Corporation

Client Sample ID: 780A-3-2,4-2,5-2 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-045 **Work Order #...:** H750T2AA **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06
Prep Date.....: 07/17/06 **Analysis Date..:** 07/20/06
Prep Batch #...: 6197482
Dilution Factor: 1
% Moisture.....: 23 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.2	ug/kg	0.15
gamma-BHC (Lindane)	ND	2.2	ug/kg	0.17
Heptachlor	ND	2.2	ug/kg	0.22
Aldrin	**0.25 J**	**2.2**	**ug/kg**	**0.15**
beta-BHC	ND	2.2	ug/kg	0.15
delta-BHC	ND	2.2	ug/kg	0.085
Heptachlor epoxide	ND	2.2	ug/kg	0.14
Endosulfan I	ND	2.2	ug/kg	0.22
gamma-Chlordane	ND	2.2	ug/kg	0.20
alpha-Chlordane	ND	2.2	ug/kg	0.28
4,4'-DDE	ND	4.4	ug/kg	0.33
Dieldrin	ND	4.4	ug/kg	0.29
Endrin	ND	4.4	ug/kg	0.38
4,4'-DDD	ND	4.4	ug/kg	0.34
Endosulfan II	ND	4.4	ug/kg	0.40
4,4'-DDT	ND	4.4	ug/kg	0.17
Endrin aldehyde	ND	4.4	ug/kg	0.22
Methoxychlor	ND	22	ug/kg	1.6
Endosulfan sulfate	ND	4.4	ug/kg	0.28
Endrin ketone	ND	4.4	ug/kg	0.31
Toxaphene	ND	87	ug/kg	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	80	(55 - 130)
Tetrachloro-m-xylene	81	(70 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Parsons Corporation

Client Sample ID: 782A-7-1,8-1 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-049 **Work Order #...:** H75001AA **Matrix.....:** SOLID
Date Sampled...: 06/21/06 **Date Received..:** 06/23/06
Prep Date.....: 07/05/06 **Analysis Date..:** 07/18/06
Prep Batch #...: 6184405
Dilution Factor: 100
% Moisture.....: 24 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	220	ug/kg	15
gamma-BHC (Lindane)	ND	220	ug/kg	17
Heptachlor	ND	220	ug/kg	22
Aldrin	ND	220	ug/kg	15
beta-BHC	ND	220	ug/kg	15
delta-BHC	ND	220	ug/kg	8.6
Heptachlor epoxide	ND	220	ug/kg	14
Endosulfan I	ND	220	ug/kg	22
gamma-Chlordane	**890**	**220**	**ug/kg**	**20**
alpha-Chlordane	**830**	**220**	**ug/kg**	**28**
4,4'-DDE	ND	440	ug/kg	33
Dieldrin	ND	440	ug/kg	29
Endrin	ND	440	ug/kg	38
4,4'-DDD	ND	440	ug/kg	34
Endosulfan II	ND	440	ug/kg	40
4,4'-DDT	ND	440	ug/kg	17
Endrin aldehyde	ND	440	ug/kg	22
Methoxychlor	ND	2200	ug/kg	160
Endosulfan sulfate	ND	440	ug/kg	28
Endrin ketone	ND	440	ug/kg	31
Toxaphene	ND	8800	ug/kg	2800

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	SRD	(55 - 130)
Tetrachloro-m-xylene	SRD	(70 - 125)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 782A-7-2,8-2 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-050 **Work Order #...:** H75011AA **Matrix.....:** SOLID
Date Sampled...: 06/21/06 **Date Received..:** 06/23/06
Prep Date.....: 07/05/06 **Analysis Date..:** 07/15/06
Prep Batch #...: 6184405
Dilution Factor: 20
% Moisture.....: 24 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	45	ug/kg	3.1
gamma-BHC (Lindane)	ND	45	ug/kg	3.4
Heptachlor	ND	45	ug/kg	4.3
Aldrin	ND	45	ug/kg	3.0
beta-BHC	ND	45	ug/kg	3.1
delta-BHC	ND	45	ug/kg	1.7
Heptachlor epoxide	ND	45	ug/kg	2.8
Endosulfan I	ND	45	ug/kg	4.5
gamma-Chlordane	**43 J**	**45**	**ug/kg**	**4.1**
alpha-Chlordane	**61**	**45**	**ug/kg**	**5.6**
4,4'-DDE	ND	89	ug/kg	6.6
Dieldrin	ND	89	ug/kg	5.9
Endrin	ND	89	ug/kg	7.7
4,4'-DDD	ND	89	ug/kg	6.9
Endosulfan II	ND	89	ug/kg	8.1
4,4'-DDT	ND	89	ug/kg	3.4
Endrin aldehyde	ND	89	ug/kg	4.5
Methoxychlor	ND	450	ug/kg	33
Endosulfan sulfate	ND	89	ug/kg	5.7
Endrin ketone	ND	89	ug/kg	6.2
Toxaphene	ND	1800	ug/kg	560

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	0.0 SRD	(55 - 130)
Tetrachloro-m-xylene	0.0 SRD	(70 - 125)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Parsons Corporation

Client Sample ID: 782A-1-1,2-1 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-051 **Work Order #...:** H75021AA **Matrix.....:** SOLID
Date Sampled...: 06/21/06 **Date Received..:** 06/23/06
Prep Date.....: 07/05/06 **Analysis Date..:** 07/15/06
Prep Batch #...: 6184405
Dilution Factor: 2
% Moisture.....: 30 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	4.8	ug/kg	0.33
gamma-BHC (Lindane)	ND	4.8	ug/kg	0.37
Heptachlor	ND	4.8	ug/kg	0.47
Aldrin	ND	4.8	ug/kg	0.33
beta-BHC	ND	4.8	ug/kg	0.34
delta-BHC	ND	4.8	ug/kg	0.19
Heptachlor epoxide	ND	4.8	ug/kg	0.30
Endosulfan I	ND	4.8	ug/kg	0.49
gamma-Chlordane	ND	4.8	ug/kg	0.44
alpha-Chlordane	ND	4.8	ug/kg	0.61
4,4'-DDE	ND	9.7	ug/kg	0.72
Dieldrin	ND	9.7	ug/kg	0.64
Endrin	ND	9.7	ug/kg	0.83
4,4'-DDD	ND	9.7	ug/kg	0.75
Endosulfan II	ND	9.7	ug/kg	0.88
4,4'-DDT	**0.62 J**	**9.7**	**ug/kg**	**0.37**
Endrin aldehyde	ND	9.7	ug/kg	0.49
Methoxychlor	ND	48	ug/kg	3.6
Endosulfan sulfate	ND	9.7	ug/kg	0.62
Endrin ketone	ND	9.7	ug/kg	0.67
Toxaphene	ND	190	ug/kg	61

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	84	(55 - 130)
Tetrachloro-m-xylene	81	(70 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Parsons Corporation

Client Sample ID: 782A-2-2,1-2 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-052 **Work Order #...:** H75031AA **Matrix.....:** SOLID
Date Sampled...: 06/21/06 **Date Received..:** 06/23/06
Prep Date.....: 07/05/06 **Analysis Date..:** 07/15/06
Prep Batch #...: 6184405
Dilution Factor: 1
% Moisture.....: 28 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.4	ug/kg	0.16
gamma-BHC (Lindane)	ND	2.4	ug/kg	0.18
Heptachlor	ND	2.4	ug/kg	0.23
Aldrin	ND	2.4	ug/kg	0.16
beta-BHC	ND	2.4	ug/kg	0.16
delta-BHC	ND	2.4	ug/kg	0.092
Heptachlor epoxide	ND	2.4	ug/kg	0.15
Endosulfan I	ND	2.4	ug/kg	0.24
gamma-Chlordane	ND	2.4	ug/kg	0.22
alpha-Chlordane	ND	2.4	ug/kg	0.30
4,4'-DDE	ND	4.8	ug/kg	0.35
Dieldrin	ND	4.8	ug/kg	0.31
Endrin	ND	4.8	ug/kg	0.41
4,4'-DDD	ND	4.8	ug/kg	0.37
Endosulfan II	ND	4.8	ug/kg	0.43
4,4'-DDT	**0.48 J**	**4.8**	**ug/kg**	**0.18**
Endrin aldehyde	ND	4.8	ug/kg	0.24
Methoxychlor	ND	24	ug/kg	1.8
Endosulfan sulfate	ND	4.8	ug/kg	0.30
Endrin ketone	ND	4.8	ug/kg	0.33
Toxaphene	ND	94	ug/kg	30

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	77	(55 - 130)
Tetrachloro-m-xylene	62 *	(70 - 125)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Parsons Corporation

Client Sample ID: 782A-2-2,1-2 COMPOSITE

GC Semivolatiles

Lot-Sample #...: G6F230422-052 **Work Order #...:** H75032AA **Matrix.....:** SOLID
Date Sampled...: 06/21/06 **Date Received..:** 06/23/06
Prep Date.....: 07/20/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6201303
Dilution Factor: 1
% Moisture.....: 28 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.4	ug/kg	0.16
gamma-BHC (Lindane)	ND	2.4	ug/kg	0.18
Heptachlor	ND	2.4	ug/kg	0.23
Aldrin	**2.9 B**	**2.4**	**ug/kg**	**0.16**
beta-BHC	ND	2.4	ug/kg	0.16
delta-BHC	ND	2.4	ug/kg	0.092
Heptachlor epoxide	ND	2.4	ug/kg	0.15
Endosulfan I	ND	2.4	ug/kg	0.24
gamma-Chlordane	ND	2.4	ug/kg	0.22
alpha-Chlordane	ND	2.4	ug/kg	0.30
4,4'-DDE	ND	4.8	ug/kg	0.35
Dieldrin	**0.91 J,B**	**4.8**	**ug/kg**	**0.31**
Endrin	ND	4.8	ug/kg	0.41
4,4'-DDD	ND	4.8	ug/kg	0.37
Endosulfan II	ND	4.8	ug/kg	0.43
4,4'-DDT	ND	4.8	ug/kg	0.18
Endrin aldehyde	ND	4.8	ug/kg	0.24
Methoxychlor	ND	24	ug/kg	1.8
Endosulfan sulfate	ND	4.8	ug/kg	0.30
Endrin ketone	ND	4.8	ug/kg	0.33
Toxaphene	ND	94	ug/kg	30

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	80	(55 - 130)
Tetrachloro-m-xylene	82	(70 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

J Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

G6F230422

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
038	SOLID	ASTM D 2216-90		6181521	6181291
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 6010B		6187097	6187041
039	SOLID	ASTM D 2216-90		6181521	6181291
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 6010B		6187097	6187041
040	SOLID	ASTM D 2216-90		6181521	6181291
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 6010B		6187097	6187041
041	SOLID	ASTM D 2216-90		6181521	6181291
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 6010B		6187097	6187041
042	SOLID	ASTM D 2216-90		6181521	6181291
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 6010B		6187097	6187041
043	SOLID	ASTM D 2216-90		6181521	6181291
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 8081A		6201303	
	SOLID	SW846 6010B		6187097	6187041
044	SOLID	ASTM D 2216-90		6181521	6181291
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 6010B		6187097	6187041
045	SOLID	ASTM D 2216-90		6181521	6181291
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 8081A		6197482	
	SOLID	SW846 6010B		6187097	6187041
046	SOLID	ASTM D 2216-90		6180272	6180171
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 6010B		6187097	6187041
047	SOLID	ASTM D 2216-90		6180272	6180171
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 6010B		6187097	6187041

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

G6F230422

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
048	SOLID	ASTM D 2216-90		6180272	6180171
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 6010B		6187097	6187041
049	SOLID	ASTM D 2216-90		6180272	6180171
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 6010B		6187097	6187041
050	SOLID	ASTM D 2216-90		6180272	6180171
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 6010B		6187097	6187041
051	SOLID	ASTM D 2216-90		6180272	6180171
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 6010B		6187097	6187041
052	SOLID	ASTM D 2216-90		6180272	6180171
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 8081A		6201303	
	SOLID	SW846 6010B		6187097	6187041
053	SOLID	ASTM D 2216-90		6180272	6180171
	SOLID	SW846 8081A		6184405	6186212
	SOLID	SW846 6010B		6187097	6187041

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: G6F230422 **Work Order #...:** H8NC01AA **Matrix.....:** SOLID
MB Lot-Sample #: G6G030000-405

Prep Date.....: 07/05/06
Analysis Date..: 07/13/06 **Prep Batch #...:** 6184405
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	1.7	ug/kg	SW846 8081A
gamma-BHC (Lindane)	ND	1.7	ug/kg	SW846 8081A
Heptachlor	ND	1.7	ug/kg	SW846 8081A
Aldrin	ND	1.7	ug/kg	SW846 8081A
beta-BHC	ND	1.7	ug/kg	SW846 8081A
delta-BHC	ND	1.7	ug/kg	SW846 8081A
Heptachlor epoxide	ND	1.7	ug/kg	SW846 8081A
Endosulfan I	ND	1.7	ug/kg	SW846 8081A
gamma-Chlordane	ND	1.7	ug/kg	SW846 8081A
alpha-Chlordane	ND	1.7	ug/kg	SW846 8081A
4,4'-DDE	ND	3.4	ug/kg	SW846 8081A
Dieldrin	ND	3.4	ug/kg	SW846 8081A
Endrin	ND	3.4	ug/kg	SW846 8081A
4,4'-DDD	ND	3.4	ug/kg	SW846 8081A
Endosulfan II	ND	3.4	ug/kg	SW846 8081A
4,4'-DDT	ND	3.4	ug/kg	SW846 8081A
Endrin aldehyde	ND	3.4	ug/kg	SW846 8081A
Methoxychlor	ND	17	ug/kg	SW846 8081A
Endosulfan sulfate	ND	3.4	ug/kg	SW846 8081A
Endrin ketone	ND	3.4	ug/kg	SW846 8081A
Toxaphene	ND	67	ug/kg	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	86	(55 - 130)
Tetrachloro-m-xylene	82	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: G6F230422 **Work Order #...:** H9EVP1AA **Matrix.....:** SOLID
MB Lot-Sample #: G6G160000-482

Prep Date.....: 07/17/06
Analysis Date..: 07/20/06 **Prep Batch #...:** 6197482
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	1.7	ug/kg	SW846 8081A
gamma-BHC (Lindane)	ND	1.7	ug/kg	SW846 8081A
Heptachlor	ND	1.7	ug/kg	SW846 8081A
Aldrin	ND	1.7	ug/kg	SW846 8081A
beta-BHC	ND	1.7	ug/kg	SW846 8081A
delta-BHC	ND	1.7	ug/kg	SW846 8081A
Heptachlor epoxide	ND	1.7	ug/kg	SW846 8081A
Endosulfan I	ND	1.7	ug/kg	SW846 8081A
gamma-Chlordane	ND	1.7	ug/kg	SW846 8081A
alpha-Chlordane	ND	1.7	ug/kg	SW846 8081A
4,4'-DDE	ND	3.4	ug/kg	SW846 8081A
Dieldrin	ND	3.4	ug/kg	SW846 8081A
Endrin	ND	3.4	ug/kg	SW846 8081A
4,4'-DDD	ND	3.4	ug/kg	SW846 8081A
Endosulfan II	ND	3.4	ug/kg	SW846 8081A
4,4'-DDT	ND	3.4	ug/kg	SW846 8081A
Endrin aldehyde	ND	3.4	ug/kg	SW846 8081A
Methoxychlor	ND	17	ug/kg	SW846 8081A
Endosulfan sulfate	ND	3.4	ug/kg	SW846 8081A
Endrin ketone	ND	3.4	ug/kg	SW846 8081A
Toxaphene	ND	67	ug/kg	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	86	(55 - 130)
Tetrachloro-m-xylene	92	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: G6F230422 **Work Order #...:** H9MH51AA **Matrix.....:** SOLID
MB Lot-Sample #: G6G200000-303

Prep Date.....: 07/20/06
Analysis Date..: 07/21/06 **Prep Batch #...:** 6201303
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	1.7	ug/kg	SW846 8081A
gamma-BHC (Lindane)	ND	1.7	ug/kg	SW846 8081A
Heptachlor	ND	1.7	ug/kg	SW846 8081A
Aldrin	**0.50 J**	**1.7**	**ug/kg**	**SW846 8081A**
beta-BHC	ND	1.7	ug/kg	SW846 8081A
delta-BHC	ND	1.7	ug/kg	SW846 8081A
Heptachlor epoxide	ND	1.7	ug/kg	SW846 8081A
Endosulfan I	ND	1.7	ug/kg	SW846 8081A
gamma-Chlordane	ND	1.7	ug/kg	SW846 8081A
alpha-Chlordane	ND	1.7	ug/kg	SW846 8081A
4,4'-DDE	ND	3.4	ug/kg	SW846 8081A
Dieldrin	**0.59 J**	**3.4**	**ug/kg**	**SW846 8081A**
Endrin	ND	3.4	ug/kg	SW846 8081A
4,4'-DDD	ND	3.4	ug/kg	SW846 8081A
Endosulfan II	ND	3.4	ug/kg	SW846 8081A
4,4'-DDT	**0.66 J**	**3.4**	**ug/kg**	**SW846 8081A**
Endrin aldehyde	ND	3.4	ug/kg	SW846 8081A
Methoxychlor	ND	17	ug/kg	SW846 8081A
Endosulfan sulfate	ND	3.4	ug/kg	SW846 8081A
Endrin ketone	ND	3.4	ug/kg	SW846 8081A
Toxaphene	ND	67	ug/kg	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	115	(55 - 130)
Tetrachloro-m-xylene	113	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6F230422 Work Order #...: H8NC01AC Matrix.....: SOLID
LCS Lot-Sample#: G6G030000-405
Prep Date.....: 07/05/06 Analysis Date..: 07/13/06
Prep Batch #...: 6184405
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
alpha-BHC	8.33	7.72	ug/kg	93	SW846 8081A
gamma-BHC (Lindane)	8.33	8.01	ug/kg	96	SW846 8081A
Heptachlor	8.33	9.01	ug/kg	108	SW846 8081A
Aldrin	8.33	7.75	ug/kg	93	SW846 8081A
beta-BHC	8.33	9.70	ug/kg	116	SW846 8081A
delta-BHC	8.33	8.46	ug/kg	102	SW846 8081A
Heptachlor epoxide	8.33	7.98	ug/kg	96	SW846 8081A
Endosulfan I	8.33	7.96	ug/kg	96	SW846 8081A
gamma-Chlordane	8.33	8.22	ug/kg	99	SW846 8081A
alpha-Chlordane	8.33	8.16	ug/kg	98	SW846 8081A
4,4'-DDE	16.7	16.8	ug/kg	101	SW846 8081A
Dieldrin	16.7	16.3	ug/kg	98	SW846 8081A
Endrin	16.7	19.0	ug/kg	114	SW846 8081A
4,4'-DDD	16.7	17.9	ug/kg	107	SW846 8081A
Endosulfan II	16.7	16.8	ug/kg	101	SW846 8081A
4,4'-DDT	16.7	18.3	ug/kg	110	SW846 8081A
Endrin aldehyde	16.7	12.6	ug/kg	76	SW846 8081A
Methoxychlor	83.3	96.8	ug/kg	116	SW846 8081A
Endosulfan sulfate	16.7	18.1	ug/kg	108	SW846 8081A
Endrin ketone	16.7	20.1	ug/kg	121	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	88	(55 - 130)
Tetrachloro-m-xylene	84	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G6F230422 Work Order #...: H8NC01AC Matrix.....: SOLID
LCS Lot-Sample#: G6G030000-405
Prep Date.....: 07/05/06 Analysis Date..: 07/13/06
Prep Batch #...: 6184405
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
alpha-BHC	**93**	**(60 - 125)**	**SW846 8081A**
gamma-BHC (Lindane)	**96**	**(60 - 125)**	**SW846 8081A**
Heptachlor	**108**	**(50 - 140)**	**SW846 8081A**
Aldrin	**93**	**(45 - 140)**	**SW846 8081A**
beta-BHC	**116**	**(60 - 125)**	**SW846 8081A**
delta-BHC	**102**	**(55 - 130)**	**SW846 8081A**
Heptachlor epoxide	**96**	**(65 - 130)**	**SW846 8081A**
Endosulfan I	**96**	**(15 - 135)**	**SW846 8081A**
gamma-Chlordane	**99**	**(65 - 125)**	**SW846 8081A**
alpha-Chlordane	**98**	**(65 - 120)**	**SW846 8081A**
4,4'-DDE	**101**	**(70 - 125)**	**SW846 8081A**
Dieldrin	**98**	**(65 - 125)**	**SW846 8081A**
Endrin	**114**	**(60 - 135)**	**SW846 8081A**
4,4'-DDD	**107**	**(30 - 135)**	**SW846 8081A**
Endosulfan II	**101**	**(35 - 140)**	**SW846 8081A**
4,4'-DDT	**110**	**(45 - 140)**	**SW846 8081A**
Endrin aldehyde	**76**	**(35 - 145)**	**SW846 8081A**
Methoxychlor	**116**	**(55 - 145)**	**SW846 8081A**
Endosulfan sulfate	**108**	**(60 - 135)**	**SW846 8081A**
Endrin ketone	**121**	**(60 - 135)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	88	(55 - 130)
Tetrachloro-m-xylene	84	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6F230422 Work Order #...: H9EVP1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: G6G160000-482 H9EVP1AD-LCSD
Prep Date.....: 07/17/06 Analysis Date..: 07/20/06
Prep Batch #...: 6197482
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
alpha-BHC	8.33	8.37	ug/kg	101		SW846 8081A
	8.33	8.21	ug/kg	99	2.0	SW846 8081A
gamma-BHC (Lindane)	8.33	8.65	ug/kg	104		SW846 8081A
	8.33	8.50	ug/kg	102	1.7	SW846 8081A
Heptachlor	8.33	9.84	ug/kg	118		SW846 8081A
	8.33	9.48	ug/kg	114	3.8	SW846 8081A
Aldrin	8.33	8.20	ug/kg	98		SW846 8081A
	8.33	8.07	ug/kg	97	1.6	SW846 8081A
beta-BHC	8.33	9.89	ug/kg	119		SW846 8081A
	8.33	10.0	ug/kg	120	1.3	SW846 8081A
delta-BHC	8.33	9.56	ug/kg	115		SW846 8081A
	8.33	9.35	ug/kg	112	2.2	SW846 8081A
Heptachlor epoxide	8.33	8.42	ug/kg	101		SW846 8081A
	8.33	8.30	ug/kg	100	1.4	SW846 8081A
Endosulfan I	8.33	8.60	ug/kg	103		SW846 8081A
	8.33	8.55	ug/kg	103	0.58	SW846 8081A
gamma-Chlordane	8.33	8.30	ug/kg	100		SW846 8081A
	8.33	8.22	ug/kg	99	1.0	SW846 8081A
alpha-Chlordane	8.33	8.61	ug/kg	103		SW846 8081A
	8.33	8.51	ug/kg	102	1.1	SW846 8081A
4,4'-DDE	16.7	17.2	ug/kg	103		SW846 8081A
	16.7	16.9	ug/kg	101	1.9	SW846 8081A
Dieldrin	16.7	17.1	ug/kg	102		SW846 8081A
	16.7	16.9	ug/kg	101	1.5	SW846 8081A
Endrin	16.7	19.6	ug/kg	117		SW846 8081A
	16.7	19.1	ug/kg	114	2.5	SW846 8081A
4,4'-DDD	16.7	18.7	ug/kg	112		SW846 8081A
	16.7	18.4	ug/kg	110	1.6	SW846 8081A
Endosulfan II	16.7	17.8	ug/kg	107		SW846 8081A
	16.7	17.3	ug/kg	104	2.8	SW846 8081A
4,4'-DDT	16.7	19.4	ug/kg	116		SW846 8081A
	16.7	19.0	ug/kg	114	2.0	SW846 8081A
Endrin aldehyde	16.7	13.6	ug/kg	81		SW846 8081A
	16.7	12.8	ug/kg	77	5.4	SW846 8081A
Methoxychlor	83.3	106	ug/kg	127		SW846 8081A
	83.3	103	ug/kg	124	2.5	SW846 8081A
Endosulfan sulfate	16.7	19.5	ug/kg	117		SW846 8081A
	16.7	19.3	ug/kg	116	1.3	SW846 8081A
Endrin ketone	16.7	18.1	ug/kg	108		SW846 8081A
	16.7	18.2	ug/kg	109	0.36	SW846 8081A

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6F230422 **Work Order #...:** H9EVP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: G6G160000-482 H9EVP1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	90	(55 - 130)
	92	(55 - 130)
Tetrachloro-m-xylene	99	(70 - 125)
	97	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G6F230422 Work Order #...: H9EVP1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: G6G160000-482 H9EVP1AD-LCSD
Prep Date.....: 07/17/06 Analysis Date..: 07/20/06
Prep Batch #...: 6197482
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
alpha-BHC	101	(60 - 125)			SW846 8081A
	99	(60 - 125)	2.0	(0-30)	SW846 8081A
gamma-BHC (Lindane)	104	(60 - 125)			SW846 8081A
	102	(60 - 125)	1.7	(0-30)	SW846 8081A
Heptachlor	118	(50 - 140)			SW846 8081A
	114	(50 - 140)	3.8	(0-30)	SW846 8081A
Aldrin	98	(45 - 140)			SW846 8081A
	97	(45 - 140)	1.6	(0-30)	SW846 8081A
beta-BHC	119	(60 - 125)			SW846 8081A
	120	(60 - 125)	1.3	(0-30)	SW846 8081A
delta-BHC	115	(55 - 130)			SW846 8081A
	112	(55 - 130)	2.2	(0-30)	SW846 8081A
Heptachlor epoxide	101	(65 - 130)			SW846 8081A
	100	(65 - 130)	1.4	(0-30)	SW846 8081A
Endosulfan I	103	(15 - 135)			SW846 8081A
	103	(15 - 135)	0.58	(0-30)	SW846 8081A
gamma-Chlordane	100	(65 - 125)			SW846 8081A
	99	(65 - 125)	1.0	(0-30)	SW846 8081A
alpha-Chlordane	103	(65 - 120)			SW846 8081A
	102	(65 - 120)	1.1	(0-30)	SW846 8081A
4,4'-DDE	103	(70 - 125)			SW846 8081A
	101	(70 - 125)	1.9	(0-30)	SW846 8081A
Dieldrin	102	(65 - 125)			SW846 8081A
	101	(65 - 125)	1.5	(0-30)	SW846 8081A
Endrin	117	(60 - 135)			SW846 8081A
	114	(60 - 135)	2.5	(0-30)	SW846 8081A
4,4'-DDD	112	(30 - 135)			SW846 8081A
	110	(30 - 135)	1.6	(0-30)	SW846 8081A
Endosulfan II	107	(35 - 140)			SW846 8081A
	104	(35 - 140)	2.8	(0-30)	SW846 8081A
4,4'-DDT	116	(45 - 140)			SW846 8081A
	114	(45 - 140)	2.0	(0-30)	SW846 8081A
Endrin aldehyde	81	(35 - 145)			SW846 8081A
	77	(35 - 145)	5.4	(0-30)	SW846 8081A
Methoxychlor	127	(55 - 145)			SW846 8081A
	124	(55 - 145)	2.5	(0-30)	SW846 8081A
Endosulfan sulfate	117	(60 - 135)			SW846 8081A
	116	(60 - 135)	1.3	(0-30)	SW846 8081A
Endrin ketone	108	(60 - 135)			SW846 8081A
	109	(60 - 135)	0.36	(0-30)	SW846 8081A

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G6F230422 **Work Order #...:** H9EVP1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: G6G160000-482 H9EVP1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	90	(55 - 130)
	92	(55 - 130)
Tetrachloro-m-xylene	99	(70 - 125)
	97	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6F230422 Work Order #...: H9MH51AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: G6G200000-303 H9MH51AD-LCSD
Prep Date.....: 07/20/06 Analysis Date..: 07/21/06
Prep Batch #...: 6201303
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
alpha-BHC	8.33	7.69	ug/kg	92		SW846 8081A
	8.33	8.23	ug/kg	99	6.8	SW846 8081A
gamma-BHC (Lindane)	8.33	7.98	ug/kg	96		SW846 8081A
	8.33	8.46	ug/kg	102	5.9	SW846 8081A
Heptachlor	8.33	8.37	ug/kg	100		SW846 8081A
	8.33	8.75	ug/kg	105	4.4	SW846 8081A
Aldrin	8.33	7.63	ug/kg	92		SW846 8081A
	8.33	8.10	ug/kg	97	6.0	SW846 8081A
beta-BHC	8.33	8.66	ug/kg	104		SW846 8081A
	8.33	9.19	ug/kg	110	5.9	SW846 8081A
delta-BHC	8.33	8.48	ug/kg	102		SW846 8081A
	8.33	8.99	ug/kg	108	5.8	SW846 8081A
Heptachlor epoxide	8.33	7.78	ug/kg	93		SW846 8081A
	8.33	8.18	ug/kg	98	5.0	SW846 8081A
Endosulfan I	8.33	7.83	ug/kg	94		SW846 8081A
	8.33	8.21	ug/kg	99	4.7	SW846 8081A
gamma-Chlordane	8.33	7.83	ug/kg	94		SW846 8081A
	8.33	8.25	ug/kg	99	5.2	SW846 8081A
alpha-Chlordane	8.33	8.01	ug/kg	96		SW846 8081A
	8.33	8.42	ug/kg	101	5.0	SW846 8081A
4,4'-DDE	16.7	16.4	ug/kg	98		SW846 8081A
	16.7	17.3	ug/kg	104	5.3	SW846 8081A
Dieldrin	16.7	16.0	ug/kg	96		SW846 8081A
	16.7	16.8	ug/kg	101	4.8	SW846 8081A
Endrin	16.7	16.9	ug/kg	101		SW846 8081A
	16.7	17.8	ug/kg	107	5.4	SW846 8081A
4,4'-DDD	16.7	17.1	ug/kg	102		SW846 8081A
	16.7	17.9	ug/kg	107	4.8	SW846 8081A
Endosulfan II	16.7	17.4	ug/kg	104		SW846 8081A
	16.7	18.3	ug/kg	109	4.8	SW846 8081A
4,4'-DDT	16.7	17.7	ug/kg	106		SW846 8081A
	16.7	18.7	ug/kg	112	5.5	SW846 8081A
Endrin aldehyde	16.7	10.5	ug/kg	63		SW846 8081A
	16.7	10.5	ug/kg	63	0.42	SW846 8081A
Methoxychlor	83.3	81.9	ug/kg	98		SW846 8081A
	83.3	86.7	ug/kg	104	5.8	SW846 8081A
Endosulfan sulfate	16.7	16.9	ug/kg	101		SW846 8081A
	16.7	17.8	ug/kg	106	4.8	SW846 8081A
Endrin ketone	16.7	16.8	ug/kg	101		SW846 8081A
	16.7	17.6	ug/kg	105	4.2	SW846 8081A

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6F230422 **Work Order #...:** H9MH51AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: G6G200000-303 H9MH51AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	100	(55 - 130)
	103	(55 - 130)
Tetrachloro-m-xylene	88	(70 - 125)
	91	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G6F230422 Work Order #...: H9MH51AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: G6G200000-303 H9MH51AD-LCSD
Prep Date.....: 07/20/06 Analysis Date..: 07/21/06
Prep Batch #...: 6201303
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
alpha-BHC	92	(60 - 125)			SW846 8081A
	99	(60 - 125)	6.8	(0-30)	SW846 8081A
gamma-BHC (Lindane)	96	(60 - 125)			SW846 8081A
	102	(60 - 125)	5.9	(0-30)	SW846 8081A
Heptachlor	100	(50 - 140)			SW846 8081A
	105	(50 - 140)	4.4	(0-30)	SW846 8081A
Aldrin	92	(45 - 140)			SW846 8081A
	97	(45 - 140)	6.0	(0-30)	SW846 8081A
beta-BHC	104	(60 - 125)			SW846 8081A
	110	(60 - 125)	5.9	(0-30)	SW846 8081A
delta-BHC	102	(55 - 130)			SW846 8081A
	108	(55 - 130)	5.8	(0-30)	SW846 8081A
Heptachlor epoxide	93	(65 - 130)			SW846 8081A
	98	(65 - 130)	5.0	(0-30)	SW846 8081A
Endosulfan I	94	(15 - 135)			SW846 8081A
	99	(15 - 135)	4.7	(0-30)	SW846 8081A
gamma-Chlordane	94	(65 - 125)			SW846 8081A
	99	(65 - 125)	5.2	(0-30)	SW846 8081A
alpha-Chlordane	96	(65 - 120)			SW846 8081A
	101	(65 - 120)	5.0	(0-30)	SW846 8081A
4,4'-DDE	98	(70 - 125)			SW846 8081A
	104	(70 - 125)	5.3	(0-30)	SW846 8081A
Dieldrin	96	(65 - 125)			SW846 8081A
	101	(65 - 125)	4.8	(0-30)	SW846 8081A
Endrin	101	(60 - 135)			SW846 8081A
	107	(60 - 135)	5.4	(0-30)	SW846 8081A
4,4'-DDD	102	(30 - 135)			SW846 8081A
	107	(30 - 135)	4.8	(0-30)	SW846 8081A
Endosulfan II	104	(35 - 140)			SW846 8081A
	109	(35 - 140)	4.8	(0-30)	SW846 8081A
4,4'-DDT	106	(45 - 140)			SW846 8081A
	112	(45 - 140)	5.5	(0-30)	SW846 8081A
Endrin aldehyde	63	(35 - 145)			SW846 8081A
	63	(35 - 145)	0.42	(0-30)	SW846 8081A
Methoxychlor	98	(55 - 145)			SW846 8081A
	104	(55 - 145)	5.8	(0-30)	SW846 8081A
Endosulfan sulfate	101	(60 - 135)			SW846 8081A
	106	(60 - 135)	4.8	(0-30)	SW846 8081A
Endrin ketone	101	(60 - 135)			SW846 8081A
	105	(60 - 135)	4.2	(0-30)	SW846 8081A

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G6F230422 **Work Order #...:** H9MH51AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: G6G200000-303 H9MH51AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	100	(55 - 130)
	103	(55 - 130)
Tetrachloro-m-xylene	88	(70 - 125)
	91	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6F230422 Work Order #...: H750R1AE-MS Matrix.....: SOLID
MS Lot-Sample #: G6F230422-044 H750R1AF-MSD
Date Sampled...: 06/22/06 Date Received..: 06/23/06
Prep Date.....: 07/05/06 Analysis Date..: 07/14/06
Prep Batch #...: 6184405
Dilution Factor: 5 % Moisture.....: 25

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
alpha-BHC	ND	11.1		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	11.1		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
gamma-BHC (Lindane)	ND	11.1		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	11.1		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
Heptachlor	ND	11.1		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	11.1		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
Aldrin	ND	11.1		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	11.1		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
beta-BHC	ND	11.1		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	11.1		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
delta-BHC	ND	11.1		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	11.1		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
Heptachlor epoxide	ND	11.1		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	11.1		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
Endosulfan I	ND	11.1		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	11.1		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
gamma-Chlordane	1.9	11.1		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	1.9	11.1		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
alpha-Chlordane	9.8	11.1		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	9.8	11.1		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6F230422 Work Order #...: H750R1AE-MS Matrix.....: SOLID
MS Lot-Sample #: G6F230422-044 H750R1AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4,4'-DDE	ND	22.3		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	22.3		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
Dieldrin	ND	22.3		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	22.3		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
Endrin	ND	22.3		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	22.3		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
4,4'-DDD	ND	22.3		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	22.3		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
Endosulfan II	ND	22.3		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	22.3		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
4,4'-DDT	ND	22.3		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	22.3		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
Endrin aldehyde	ND	22.3		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	22.3		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
Methoxychlor	ND	111		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	111		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
Endosulfan sulfate	ND	22.3		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	22.3		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					
Endrin ketone	ND	22.3		ug/kg	0.0		SW846 8081A
		Qualifiers: MSA					
	ND	22.3		ug/kg	0.0	0.0	SW846 8081A
		Qualifiers: MSA					

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6F230422 **Work Order #...:** H750R1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: G6F230422-044 H750R1AF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	0.0 SRD	(55 - 130)
	0.0 SRD	(55 - 130)
Tetrachloro-m-xylene	0.0 SRD	(70 - 125)
	0.0 SRD	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MSA The recovery and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G6F230422 Work Order #...: H750R1AE-MS Matrix.....: SOLID
MS Lot-Sample #: G6F230422-044 H750R1AF-MSD
Date Sampled...: 06/22/06 Date Received..: 06/23/06
Prep Date.....: 07/05/06 Analysis Date..: 07/14/06
Prep Batch #...: 6184405
Dilution Factor: 5 % Moisture.....: 25

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
alpha-BHC	0.0 MSA	(60 - 125)			SW846 8081A
	0.0 MSA	(60 - 125)	0.0	(0-30)	SW846 8081A
gamma-BHC (Lindane)	0.0 MSA	(60 - 125)			SW846 8081A
	0.0 MSA	(60 - 125)	0.0	(0-30)	SW846 8081A
Heptachlor	0.0 MSA	(50 - 140)			SW846 8081A
	0.0 MSA	(50 - 140)	0.0	(0-30)	SW846 8081A
Aldrin	0.0 MSA	(45 - 140)			SW846 8081A
	0.0 MSA	(45 - 140)	0.0	(0-30)	SW846 8081A
beta-BHC	0.0 MSA	(60 - 125)			SW846 8081A
	0.0 MSA	(60 - 125)	0.0	(0-30)	SW846 8081A
delta-BHC	0.0 MSA	(55 - 130)			SW846 8081A
	0.0 MSA	(55 - 130)	0.0	(0-30)	SW846 8081A
Heptachlor epoxide	0.0 MSA	(65 - 130)			SW846 8081A
	0.0 MSA	(65 - 130)	0.0	(0-30)	SW846 8081A
Endosulfan I	0.0 MSA	(15 - 135)			SW846 8081A
	0.0 MSA	(15 - 135)	0.0	(0-30)	SW846 8081A
gamma-Chlordane	0.0 MSA	(65 - 125)			SW846 8081A
	0.0 MSA	(65 - 125)	0.0	(0-30)	SW846 8081A
alpha-Chlordane	0.0 MSA	(65 - 120)			SW846 8081A
	0.0 MSA	(65 - 120)	0.0	(0-30)	SW846 8081A
4,4'-DDE	0.0 MSA	(70 - 125)			SW846 8081A
	0.0 MSA	(70 - 125)	0.0	(0-30)	SW846 8081A
Dieldrin	0.0 MSA	(65 - 125)			SW846 8081A
	0.0 MSA	(65 - 125)	0.0	(0-30)	SW846 8081A
Endrin	0.0 MSA	(60 - 135)			SW846 8081A
	0.0 MSA	(60 - 135)	0.0	(0-30)	SW846 8081A
4,4'-DDD	0.0 MSA	(30 - 135)			SW846 8081A
	0.0 MSA	(30 - 135)	0.0	(0-30)	SW846 8081A
Endosulfan II	0.0 MSA	(35 - 140)			SW846 8081A
	0.0 MSA	(35 - 140)	0.0	(0-30)	SW846 8081A
4,4'-DDT	0.0 MSA	(45 - 140)			SW846 8081A
	0.0 MSA	(45 - 140)	0.0	(0-30)	SW846 8081A
Endrin aldehyde	0.0 MSA	(35 - 145)			SW846 8081A
	0.0 MSA	(35 - 145)	0.0	(0-30)	SW846 8081A
Methoxychlor	0.0 MSA	(55 - 145)			SW846 8081A
	0.0 MSA	(55 - 145)	0.0	(0-30)	SW846 8081A
Endosulfan sulfate	0.0 MSA	(60 - 135)			SW846 8081A
	0.0 MSA	(60 - 135)	0.0	(0-30)	SW846 8081A
Endrin ketone	0.0 MSA	(60 - 135)			SW846 8081A
	0.0 MSA	(60 - 135)	0.0	(0-30)	SW846 8081A

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G6F230422 **Work Order #...:** H750R1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: G6F230422-044 H750R1AF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	0.0 SRD	(55 - 130)
	0.0 SRD	(55 - 130)
Tetrachloro-m-xylene	0.0 SRD	(70 - 125)
	0.0 SRD	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MSA The recovery and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

SOLID, 6010B, Pb only

Parsons Corporation

Client Sample ID: 782A-3-1,4-1,5-1 COMPOSITE

TOTAL Metals

Lot-Sample #...: G6F230422-038 Matrix.....: SOLID
Date Sampled...: 06/22/06 Date Received..: 06/23/06
% Moisture.....: 28

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6187097						
Lead	28.7	2.1	mg/kg	SW846 6010B	07/06-07/07/06	H75X11AD
		Dilution Factor: 1		MDL.....: 0.70		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 782A-3-2,4-2,5-2 COMPOSITE

TOTAL Metals

Lot-Sample #...: G6F230422-039 **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06
% Moisture.....: 27

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6187097						
Lead	**11.2**	**2.1**	**mg/kg**	**SW846 6010B**	**07/06/06**	**H750K1AD**
		Dilution Factor: 1		MDL.....: 0.68		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 780A-7-1,8-1 COMPOSITE

TOTAL Metals

Lot-Sample #...: G6F230422-040 Matrix.....: SOLID
Date Sampled...: 06/22/06 Date Received..: 06/23/06
% Moisture.....: 26

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6187097						
Lead	13.9	2.0	mg/kg	SW846 6010B	07/06/06	H750L1AD
		Dilution Factor: 1		MDL.....: 0.68		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 780A-7-2,8-2 COMPOSITE

TOTAL Metals

Lot-Sample #...: G6F230422-041 **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06
% Moisture.....: 25

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6187097						
Lead	**12.2**	**2.0**	**mg/kg**	**SW846 6010B**	**07/06/06**	**H750N1AD**
		Dilution Factor: 1		MDL.....: 0.67		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 780A-1-1,2-1 COMPOSITE

TOTAL Metals

Lot-Sample #...: G6F230422-042 Matrix.....: SOLID
Date Sampled...: 06/22/06 Date Received..: 06/23/06
% Moisture.....: 24

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6187097						
Lead	17.6	2.0	mg/kg	SW846 6010B	07/06/06	H750P1AD
		Dilution Factor: 1		MDL.....: 0.66		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 780A-1-2,2-2 COMPOSITE

TOTAL Metals

Lot-Sample #...: G6F230422-043 Matrix.....: SOLID
Date Sampled...: 06/22/06 Date Received..: 06/23/06
% Moisture.....: 27

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6187097						
Lead	10.1	2.1	mg/kg	SW846 6010B	07/06/06	H750Q1AD
		Dilution Factor: 1		MDL.....: 0.69		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 780A-3-1,4-1,5-1 COMPOSITE

TOTAL Metals

Lot-Sample #...: G6F230422-044 Matrix.....: SOLID
Date Sampled...: 06/22/06 Date Received..: 06/23/06
% Moisture.....: 25

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6187097						
Lead	33.5	2.0	mg/kg	SW846 6010B	07/06/06	H750R1AD
		Dilution Factor: 1		MDL.....: 0.67		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 780A-3-2,4-2,5-2 COMPOSITE

TOTAL Metals

Lot-Sample #...: G6F230422-045 **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06
% Moisture.....: 23

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6187097						
Lead	**10.7**	**2.0**	**mg/kg**	**SW846 6010B**	**07/06/06**	**H750T1AD**
		Dilution Factor: 1		MDL.....: 0.65		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 782A-7-1,8-1 COMPOSITE

TOTAL Metals

Lot-Sample #...: G6F230422-049 **Matrix.....:** SOLID
Date Sampled...: 06/21/06 **Date Received..:** 06/23/06
% Moisture.....: 24

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6187097						
Lead	**4.7**	**2.0**	**mg/kg**	**SW846 6010B**	**07/06-07/07/06**	**H75001AD**
		Dilution Factor: 1		MDL.....: 0.65		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 782A-7-2,8-2 COMPOSITE

TOTAL Metals

Lot-Sample #...: G6F230422-050 Matrix.....: SOLID
Date Sampled...: 06/21/06 Date Received..: 06/23/06
% Moisture.....: 24

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6187097						
Lead	5.4	2.0	mg/kg	SW846 6010B	07/06-07/07/06	H75011AD
		Dilution Factor: 1		MDL.....: 0.66		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 782A-1-1,2-1 COMPOSITE

TOTAL Metals

Lot-Sample #...: G6F230422-051 Matrix.....: SOLID
Date Sampled...: 06/21/06 Date Received..: 06/23/06
% Moisture.....: 30

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6187097						
Lead	7.5	2.1	mg/kg	SW846 6010B	07/06/06	H75021AD
		Dilution Factor: 1		MDL.....: 0.71		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 782A-2-2,1-2 COMPOSITE

TOTAL Metals

Lot-Sample #...: G6F230422-052 Matrix.....: SOLID
Date Sampled...: 06/21/06 Date Received..: 06/23/06
% Moisture.....: 28

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6187097						
Lead	3.9	2.1	mg/kg	SW846 6010B	07/06-07/07/06	H75031AD
		Dilution Factor: 1		MDL.....: 0.70		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

QC DATA ASSOCIATION SUMMARY

G6F230422

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
038	SOLID	SW846 6010B		6187097	6187041
039	SOLID	SW846 6010B		6187097	6187041
040	SOLID	SW846 6010B		6187097	6187041
041	SOLID	SW846 6010B		6187097	6187041
042	SOLID	SW846 6010B		6187097	6187041
043	SOLID	SW846 6010B		6187097	6187041
044	SOLID	SW846 6010B		6187097	6187041
045	SOLID	SW846 6010B		6187097	6187041
046	SOLID	SW846 6010B		6187097	6187041
047	SOLID	SW846 6010B		6187097	6187041
048	SOLID	SW846 6010B		6187097	6187041
049	SOLID	SW846 6010B		6187097	6187041
050	SOLID	SW846 6010B		6187097	6187041
051	SOLID	SW846 6010B		6187097	6187041
052	SOLID	SW846 6010B		6187097	6187041
053	SOLID	SW846 6010B		6187097	6187041

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: G6F230422 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: G6G060000-097 **Prep Batch #...:** 6187097						
Lead	ND	1.5	mg/kg	SW846 6010B	07/06-07/07/06	H8PT91AA
	Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: G6F230422 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: G6G060000-097 **Prep Batch #...:** 6187097							
Lead	50.0	47.8	mg/kg	96	SW846 6010B	07/06-07/07/06	H8PT91AC
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: G6F230422 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: G6G060000-097 **Prep Batch #...:** 6187097					
Lead	96	(80 - 120)	SW846 6010B	07/06-07/07/06	H8PT91AC
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: G6F230422 **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: G6F230422-038 **Prep Batch #...:** 6187097									
								% Moisture.....: 28	
Lead									
	28.7	71.3	92.8	mg/kg	90		SW846 6010B	07/06/06	H75X11AF
	28.7	70.6	77.3 N	mg/kg	69	18	SW846 6010B	07/06-07/07/06	H75X11AG
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: G6F230422 **Matrix.....:** SOLID
Date Sampled...: 06/22/06 **Date Received..:** 06/23/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: G6F230422-038 **Prep Batch #...:** 6187097							
						% Moisture.....: 28	
Lead	90	(80 - 120)			SW846 6010B	07/06/06	H75X11AF
	69 N	(80 - 120)	18	(0-30)	SW846 6010B	07/06-07/07/06	H75X11AG
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

SEVERN TRENT STL

STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

Tel: 916 373 5600 Fax: 916 372 1059
www.stl-inc.com

July 29, 2006

STL SACRAMENTO PROJECT NUMBER: G6F300327
PO/CONTRACT:

(b) (6)
Parsons Corporation
1132 Bishop St. Suite 2102
Honolulu, HI 96813

Dear (b) (6)

This report contains the analytical results for the samples received under chain of custody by STL Sacramento on June 30, 2006. These samples are associated with your 442221 project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (b) (6)

Sincerely,
(b) (6)
Project Manager

TABLE OF CONTENTS

STL SACRAMENTO PROJECT NUMBER G6F300327

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G6F300327

General Comments

The samples were received at 2, 6 and 8 degrees C. The sample series 2795 and 2802 were received at 8 degrees C. Per your approval on July 3, 2006 these samples were analyzed. Sample 2802A-9-2 was not received, instead 2 jars labeled 2802A-9-1 were received. Per your instruction the containers were analyzed as samples 2802A-9-1A and 2802A-9-1B. Therefore these samples were not to be part of the composite series indicated on the Chain of Custody (COC). Four samples were received that were not listed on the COC-samples 2802A-12-1; 2802A-12-2; 2802A-13-1 and 2802A-13-2. Per your instruction samples 2802A-12-1 and 2802A-13-1 were composited together. Samples 2802A-12-2 and 2802A-13-2 were composited together.

SOLID, 8081A, Pesticides STD List

Sample(s): 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 33, 34
Aldrin and 4,4'-DDT was detected in the method blank (MB) at concentrations that are above the method detection limit but less than ½ the reporting limit. Samples with positive detections of these analytes have been B flagged to indicate this.

There were no other anomalies associated with this project.

SEVERN TRENT STL

ACCREDITED IN ACCORDANCE WITH nelac

STL Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	Oregon*	CA 200005
Arizona	AZ0616	Pennsylvania	68-1272
Arkansas	04-067-0	South Carolina	87014002
California*	01119CA	Texas	TX 270-2004A
Colorado	NA	Utah*	QUAN1
Connecticut	PH-0691	Virginia	00178
Florida*	E87570	Washington	C087
Georgia	960	West Virginia	9930C, 334
Hawaii	NA	Wisconsin	998204680
Louisiana*	01944	NFESC	NA
Michigan	9947	USACE	NA
Nevada	CA44	USDA Foreign Plant	37-82605
New Jersey*	CA005	USDA Foreign Soil	S-46613
New York*	11666		

*NELAP accredited. A more detailed parameter list is available upon request. Update 1/27/05

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also be used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

Sample Summary
G6F300327

WO#	Sample #	Client Sample ID	Sampling Date	Received Date
H8KN2	1	2802A-4-1,5-1,6-1,7-1,8-1	6/27/2006 12:55 PM	6/30/2006 09:25 AM
H8KPE	2	2802A-4-1,5-1,6-1,7-1,8-1 COMP	6/27/2006 12:55 PM	6/30/2006 09:25 AM
H8KPG	3	2802A-4-2,5-2,6-2,7-2,8-2	6/27/2006 12:55 PM	6/30/2006 09:25 AM
H8KPH	4	2802A-4-2,5-2,6-2,7-2,8-2 COMP	6/27/2006 12:55 PM	6/30/2006 09:25 AM
H8KPM	5	677B-3-1,4-1,5-1	6/28/2006 09:15 AM	6/30/2006 09:25 AM
H8KPP	6	677B-3-1,4-1,5-1 COMP	6/28/2006 09:15 AM	6/30/2006 09:25 AM
H8KPQ	7	677B-3-2,4-2,5-2	6/28/2006 09:15 AM	6/30/2006 09:25 AM
H8KPR	8	677B-3-2,4-2,5-2 COMP	6/28/2006 09:15 AM	6/30/2006 09:25 AM
H8KQD	9	677B-1-1,2-1	6/28/2006 09:05 AM	6/30/2006 09:25 AM
H8KQK	10	677B-1-1,2-1 COMP	6/28/2006 09:05 AM	6/30/2006 09:25 AM
H8KQL	11	677B-1-2,2-2	6/28/2006 09:05 AM	6/30/2006 09:25 AM
H8KQN	12	677B-1-2,2-2 COMP	6/28/2006 09:05 AM	6/30/2006 09:25 AM
H8KQR	13	677B-7-1,8-1	6/28/2006 08:40 AM	6/30/2006 09:25 AM
H8KQ3	14	677B-7-1,8-1 COMP	6/28/2006 08:40 AM	6/30/2006 09:25 AM
H8KQ5	15	677B-7-2,8-2	6/28/2006 08:40 AM	6/30/2006 09:25 AM
H8KQ8	16	677B-7-2,8-2 COMP	6/28/2006 08:40 AM	6/30/2006 09:25 AM
H8KRA	17	2795A-4-1,5-1,6-1,7-1,8-1,9-1	6/29/2006 09:35 AM	6/30/2006 09:25 AM
H8KRF	18	2795A-4-1,5-1,6-1,7-1,8-1,9-1 COMP	6/29/2006 09:35 AM	6/30/2006 09:25 AM
H8KRH	19	2795A-4-2,5-2,6-2,7-2,8-2,9-2	6/29/2006 09:35 AM	6/30/2006 09:25 AM
H8KRJ	20	2795A-4-2,5-2,6-2,7-2,8-2,9-2 COMP	6/29/2006 09:35 AM	6/30/2006 09:25 AM
H8KRN	21	2795A-12-1,13-1,14-1	6/29/2006 08:45 AM	6/30/2006 09:25 AM
H8KRW	22	2795A-12-1,13-1,14-1 COMP	6/29/2006 08:45 AM	6/30/2006 09:25 AM
H8KR0	23	2795A-12-2,13-2,14-2	6/29/2006 08:45 AM	6/30/2006 09:25 AM
H8KR4	24	2795A-12-2,13-2,14-2 COMP	6/29/2006 08:45 AM	6/30/2006 09:25 AM
H8KR6	25	2795A-1-1,2-1,3-1	6/29/2006 09:42 AM	6/30/2006 09:25 AM
H8KTE	26	2795A-1-1,2-1,3-1 COMP	6/29/2006 09:42 AM	6/30/2006 09:25 AM
H8KTF	27	2795A-1-2,2-2,3-2	6/29/2006 09:42 AM	6/30/2006 09:25 AM
H8KTK	28	2795A-1-2,2-2,3-2 COMP	6/29/2006 09:42 AM	6/30/2006 09:25 AM
H8KTM	29	2802A-12-1,13-1	6/27/2006 11:05 AM	6/30/2006 09:25 AM
H8KVD	30	2802A-12-1,13-1 COMP	6/27/2006 11:05 AM	6/30/2006 09:25 AM
H8KVE	31	2802A-12-2,13-2	6/27/2006 11:05 AM	6/30/2006 09:25 AM
H8KVF	32	2802A-12-2,13-2 COMP	6/27/2006 11:05 AM	6/30/2006 09:25 AM
H8KVG	33	2802A-9-1A	6/27/2006 02:05 PM	6/30/2006 09:25 AM
H8KVQ	34	2802A-9-1B	6/27/2006 02:05 PM	6/30/2006 09:25 AM

Notes(s):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity, pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight

G6F300327

CHAIN-OF-CUSTODY RECORD

CLIENT: Parsons

ADDRESS: 1132 Bishop st # ~~1350~~ 2102

PHONE: 808 748 7576 FAX: 808 748 7575

EMAIL: (b) (6) @ parsons.com

CLIENT PROJECT #: 442221 Project Manager: (b) (6)

TAT (circle one): 24-hr. 48-hr. 5-day or Other: STD

DATE: 6.29.06 PAGE 4 OF 6

ESN PROJECT #:

LOCATION/PROJECT NAME: camp stover / camp smith 6.27.06

COLLECTOR: BM / KB DATE COLLECTED: 6.28.06

	Sample ID#	Depth	Time	Sample Type	Container Type	8021b HVOC	8021b VOC	8021b BTEX	8021b MtBE	8015 Fuel Scan	8015 TPH-Gas	8015 TPH-Diesel	8015 TPH-Oil	8081 Pest.	8082 PCB	8100 PAH	8270 PAH	1010 FlashPoint	RCRA 8 Metals	Total: Pb Cd Cr As Hg or TCLP	Lead 6010			Comments	# of Containers
1	2802A-4-1	1.0	1255	soil	4oz jar																				1
2	2802A-5-1	1.0	1315																						1
3	2802A-6-1	1.0	1325																						1
4	2802A-7-1	1.0	1345											X							X			composite	1
5	2802A-8-1	1.0	1355																						1
6	2802A-9-1	1.0	1405																						1
7	2802A-4-2	2.0	1255																						1
8	2802A-5-2	2.0	1315																						1
9	2802A-6-2	2.0	1325																						1
10	2802A-7-2	2.0	1345											X							X			comp	1
11	2802A-8-2	2.0	1355																						1
12	2802A-9-2	2.0	1405																						1
13	677B-3-1	1.0	0915																						1
14	677B-4-1	1.0	0920											X							X			comp	1
15	677B-5-1	1.0	0925																						1
16	677B-3-2	2.0	0915																						1
17	677B-4-2	2.0	0920											X							X			comp	1
18	677B-5-2	2.0	0925																						1
19																									
20																									

RECEIVED IN GOOD CONDITION UNDER COC JUN 30 2006 BY: ML

RELINQUISHED BY:(Signature) (b) (6) DATE/TIME 6.29.06/1500

RECIEVED BY (Signa DATE/TIME (b) (6) 6/30/06 1300

RELINQUISHED BY:(Signature) DATE/TIME

RECIEVED BY (Signa DATE/TIME

SAMPLE DISPOSAL INSTRUCTIONS: ____ ESN Dispose @ $2.00/sample or ____ Return to Client

SAMPLE RECEIPT:

TOTAL # OF CONTAINERS

COC SEALS Y / N / NA

SEALS INTACT Y / N / NA

RECEIVED TEMP:

LABORATORY NOTES:

* did not receive on 6-30-06

** recd 2 jars

recd 2802A-12-1, 12-2, 13-1 & 15-2

STL Sacramento (916) 373 - 5600

CHAIN-OF-CUSTODY RECORD

CLIENT: Parsons
ADDRESS: 1132 Bishop st #2102
PHONE: 808 748 7576 FAX: 808 748 7575
EMAIL: (b) (6) @parsons.com
CLIENT PROJECT #: 442221 Project Manager: (b) (6)

TAT (circle one): 24-hr. 48-hr. 5-day or Other: STD
DATE: 6-29-06 PAGE 5 OF 6
ESN PROJECT #:
LOCATION/PROJECT NAME: camp smith / camp stover 6.28.06
COLLECTOR: BM/KB DATE COLLECTED: 6.29.06

	Sample ID#	Depth	Time	Sample Type	Container Type	8021b HVOC	8021b VOC	8021b BTEX	8021b MtBE	8015 Fuel Scan	8015 TPH-Gas	8015 TPH-Diesel	8015 TPH-Oil	8081 Pest.	8082 PCB	8100 PAH	8270 PAH	1010 FlashPoint	RCRA 8 Metals	Total: Pb Cd Cr As Hg or TCLP	Lead 6010			Comments	# of Containers
1	677B-1-1	1.0	0905	soil	4oz jar																				1
2	677B-2-1	1.0	0933											X							X			composite	1
3	677B-1-2	2.0	0905																						1
4	677B-2-2	2.0	0933											X							X			comp	1
5	677B-7-1	1.0	0840																						1
6	677B-8-1	1.0	0850											X							X			comp	1
7	677B-7-2	2.0	0840																						1
8	677B-8-2	2.0	0850											X							X			comp	1
9	2795A-4-1	1.0	0935																						1
10	2795A-5-1	1.0	0950																						1
11	2795A-6-1	1.0	0957																						1
12	2795A-7-1	1.0	1010											X							X			comp	1
13	2795A-8-1	1.0	1017																						1
14	2795A-9-1	1.0	1030																						1
15	2795A-4-2	2.0	0935																						1
16	2795A-5-2	2.0	0950																						1
17	2795A-6-2	2.0	0957																						1
18	2795A-7-2	2.0	1010											X							X			comp	1
19	2795A-8-2	2.0	1017																						1
20	2795A-9-2	2.0	1030																						1

RECEIVED IN GOOD CONDITION
JUN 30 2006

RELINQUISHED BY:(Signature) DATE/TIME
(b) (6) 6-29-06/1500

RECIEVED BY (Signa DATE/TIME
(b) (6) 1300

DATE/TIME

RECIEVED BY (Signa DATE/TIME

SAMPLE DISPOSAL INSTRUCTIONS: ____ ESN Dispose @ $2.00/sample or ____ Return to Client

SAMPLE RECEIPT:
TOTAL # OF CONTAINERS____
COC SEALS Y / N / NA
SEALS INTACT Y / N / NA
RECEIVED TEMP:____

LABORATORY NOTES:

SEVERN TRENT STL

LOT RECEIPT CHECKLIST
STL Sacramento

CLIENT Parsons PM RP LOG # 39750

LOT# (QUANTIMS ID) G6F300327 QUOTE# 70792 LOCATION W18E

	Initials	Date
DATE RECEIVED 6/30/06 TIME RECEIVED 0925	CP	6-30-06

DELIVERED BY
- ☑ FEDEX
- ☐ CA OVERNIGHT
- ☐ CLIENT
- ☐ AIRBORNE
- ☐ GOLDENSTATE
- ☐ DHL
- ☐ UPS
- ☐ BAX GLOBAL
- ☐ GO-GETTERS
- ☐ STL COURIER
- ☐ COURIERS ON DEMAND
- ☐ OTHER

CUSTODY SEAL STATUS ☐ INTACT ☐ BROKEN ☑ N/A

CUSTODY SEAL #(S) NA

SHIPPPING CONTAINER(S) ☐ STL ☑ CLIENT ☐ N/A

TEMPERTURE RECORD (IN °C) IR 1☐ 3☑ ☐ OTHER

COC #(S) NA

TEMPERATURE BLANK Observed: NA Corrected: NA

SAMPLE TEMPERATURE
Observed: See Sheets Average: Corrected Average:

COLLECTOR'S NAME: ☑ Verified from COC ☐ Not on COC

pH MEASURED ☐ YES ☐ ANOMALY ☑ N/A

LABELED BY.....

LABELS CHECKED BY.....

PEER REVIEW ☑ NA

SHORT HOLD TEST NOTIFICATION

SAMPLE RECEIVING
- WETCHEM ☑ N/A
- VOA-ENCORES ☑ N/A

☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL ☑ N/A

☐ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES ☑ N/A

☑ Clouseau ☐ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1 ☐ N/A

☐ WET ICE ☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED ☑ PM NOTIFIED

Notes: Rec'd 2 jars for 2802A-9-1 + none for 9-2
Rec'd 2802A-12-1, 12-2, 13-1, 13-2 not listed on COC

*1 Acceptable temperature range for State of Wisconsin samples is ≤4°C.

LEAVE NO SPACES BLANK. USE "N/A" IF NOT APPLICABLE. INITIAL AND DATE ALL "N/A" ENTRIES.

SEVERN TRENT STL

MULTI COOLER RECEIPT CHECKLIST
STL Sacramento

CLIENT: Parsons LOT# (QUANTIMS ID): G6F300327

	INITIALS	DATE
TEMPERTURE RECORD (IN °C) IR 1☐ 3☑ ☐ OTHER_____	AK	6-30-06

COOLER ID 1
CUSTODY SEAL STATUS ☐ INTACT ☐ BROKEN ☑ N/A
CUSTODY SEAL #(S) NA
COC #(S)
TEMPERATURE BLANK: OBSERVED: CORRECTED:
SAMPLE TEMPERATURE:
OBSERVED: 7 7 4 AVERAGE: 6 CORRECTED: 6
SAMPLES / TESTS (IF NCM REQUIRED):

COOLER ID 2
CUSTODY SEAL STATUS ☐ INTACT ☐ BROKEN ☑ N/A
CUSTODY SEAL #(S) NA
COC #(S)
TEMPERATURE BLANK: OBSERVED: CORRECTED:
SAMPLE TEMPERATURE:
OBSERVED: 9 8 8 AVERAGE: 8 CORRECTED: 8
SAMPLES / TESTS (IF NCM REQUIRED): 2795, ~~2789, 2809~~, 2802, 77B

COOLER ID 3
CUSTODY SEAL STATUS ☐ INTACT ☐ BROKEN ☑ N/A
CUSTODY SEAL #(S) NA
COC #(S)
TEMPERATURE BLANK: OBSERVED: CORRECTED:
SAMPLE TEMPERATURE:
OBSERVED: 1 6 4 AVERAGE: 2 CORRECTED: 2
SAMPLES / TESTS (IF NCM REQUIRED):

LEAVE NO SPACES BLANK. USE "N/A" IF NOT APPLICABLE. INITIAL AND DATE ALL "N/A" ENTRIES.

QA-185 1/06 DAW, Page 2

SEVERN TRENT STL

Bottle Lot Inventory

Lot ID: G6F300327

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
AGB																				
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
____AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
____CGJ																				
500CGJ																				
250CGJ																				
125CGJ	5	X	5	X	3	X	3	X	2	X	2	X	2	X	2	X	6	X	6	X
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
_____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid **s** = sulfuric acid **na** = sodium hydroxide **n** = nitric acid **zn** = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 3/05 EM

Page 2

SEVERN TRENT STL

Bottle Lot Inventory

Lot ID: G6F300327

	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
VOA*	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
VOAh*	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
AGB																				
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
____AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
____CGJ																				
500CGJ																				
250CGJ																				
125CGJ	3	X	3	X	3	X	3	X	2	X	2	X	1	1						
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
_____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

h = hydrochloric acid **s** = sulfuric acid **na** = sodium hydroxide **n** = nitric acid **zn** = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 3/05 EM

Page 3

SOLID, 8081A, Pesticides
STD List

Parsons Corporation

Client Sample ID: 677B-3-1,4-1,5-1 COMP

GC Semivolatiles

Lot-Sample #...: G6F300327-006 **Work Order #...:** H8KPP1AA **Matrix.....:** SOLID
Date Sampled...: 06/28/06 **Date Received..:** 06/30/06
Prep Date.....: 07/11/06 **Analysis Date..:** 07/22/06
Prep Batch #...: 6192249
Dilution Factor: 20
% Moisture.....: 24 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	45	ug/kg	3.1
gamma-BHC (Lindane)	ND	45	ug/kg	3.4
Heptachlor	ND	45	ug/kg	4.3
Aldrin	**12 J,B**	**45**	**ug/kg**	**3.0**
beta-BHC	ND	45	ug/kg	3.1
delta-BHC	ND	45	ug/kg	1.7
Heptachlor epoxide	ND	45	ug/kg	2.8
Endosulfan I	ND	45	ug/kg	4.5
gamma-Chlordane	ND	45	ug/kg	4.1
alpha-Chlordane	ND	45	ug/kg	5.6
4,4'-DDE	ND	89	ug/kg	6.6
Dieldrin	**620**	**89**	**ug/kg**	**5.9**
Endrin	ND	89	ug/kg	7.7
4,4'-DDD	ND	89	ug/kg	6.9
Endosulfan II	ND	89	ug/kg	8.1
4,4'-DDT	**11 J,B**	**89**	**ug/kg**	**3.4**
Endrin aldehyde	ND	89	ug/kg	4.5
Methoxychlor	ND	450	ug/kg	33
Endosulfan sulfate	ND	89	ug/kg	5.7
Endrin ketone	ND	89	ug/kg	6.2
Toxaphene	ND	1800	ug/kg	560

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	0.0 SRD	(55 - 130)
Tetrachloro-m-xylene	0.0 SRD	(70 - 125)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Parsons Corporation

Client Sample ID: 677B-3-2,4-2,5-2 COMP

GC Semivolatiles

Lot-Sample #...: G6F300327-008 **Work Order #...:** H8KPR1AA **Matrix.....:** SOLID
Date Sampled...: 06/28/06 **Date Received..:** 06/30/06
Prep Date.....: 07/11/06 **Analysis Date..:** 07/22/06
Prep Batch #...: 6192249
Dilution Factor: 10
% Moisture.....: 25 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	23	ug/kg	1.6
gamma-BHC (Lindane)	ND	23	ug/kg	1.7
Heptachlor	ND	23	ug/kg	2.2
Aldrin	ND	23	ug/kg	1.5
beta-BHC	ND	23	ug/kg	1.6
delta-BHC	ND	23	ug/kg	0.88
Heptachlor epoxide	ND	23	ug/kg	1.4
Endosulfan I	ND	23	ug/kg	2.3
gamma-Chlordane	ND	23	ug/kg	2.1
alpha-Chlordane	ND	23	ug/kg	2.8
4,4'-DDE	**19 J**	**45**	**ug/kg**	**3.4**
Dieldrin	**180**	**45**	**ug/kg**	**3.0**
Endrin	ND	45	ug/kg	3.9
4,4'-DDD	**5.9 J**	**45**	**ug/kg**	**3.5**
Endosulfan II	ND	45	ug/kg	4.1
4,4'-DDT	**29 J,B**	**45**	**ug/kg**	**1.7**
Endrin aldehyde	ND	45	ug/kg	2.3
Methoxychlor	ND	230	ug/kg	17
Endosulfan sulfate	ND	45	ug/kg	2.9
Endrin ketone	ND	45	ug/kg	3.1
Toxaphene	ND	900	ug/kg	290

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	0.0 SRD	(55 - 130)
Tetrachloro-m-xylene	0.0 SRD	(70 - 125)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Parsons Corporation

Client Sample ID: 677B-1-1,2-1 COMP

GC Semivolatiles

Lot-Sample #...: G6F300327-010	**Work Order #...:** H8KQK1AA	**Matrix.....:** SOLID	
Date Sampled...: 06/28/06	**Date Received..:** 06/30/06		
Prep Date.....: 07/11/06	**Analysis Date..:** 07/22/06		
Prep Batch #...: 6192249			
Dilution Factor: 5			
% Moisture.....: 17	**Method.....:** SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	10	ug/kg	0.70
gamma-BHC (Lindane)	ND	10	ug/kg	0.77
Heptachlor	ND	10	ug/kg	0.99
Aldrin	ND	10	ug/kg	0.68
beta-BHC	ND	10	ug/kg	0.70
delta-BHC	ND	10	ug/kg	0.39
Heptachlor epoxide	ND	10	ug/kg	0.63
Endosulfan I	ND	10	ug/kg	1.0
gamma-Chlordane	**2.7 J**	**10**	**ug/kg**	**0.93**
alpha-Chlordane	**1.6 J**	**10**	**ug/kg**	**1.3**
4,4'-DDE	**75**	**20**	**ug/kg**	**1.5**
Dieldrin	ND	20	ug/kg	1.3
Endrin	ND	20	ug/kg	1.8
4,4'-DDD	**6.2 J**	**20**	**ug/kg**	**1.6**
Endosulfan II	ND	20	ug/kg	1.8
4,4'-DDT	**320 B**	**20**	**ug/kg**	**0.78**
Endrin aldehyde	ND	20	ug/kg	1.0
Methoxychlor	ND	100	ug/kg	7.5
Endosulfan sulfate	ND	20	ug/kg	1.3
Endrin ketone	ND	20	ug/kg	1.4
Toxaphene	ND	400	ug/kg	130

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	0.0 SRD	(55 - 130)
Tetrachloro-m-xylene	0.0 SRD	(70 - 125)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Parsons Corporation

Client Sample ID: 677B-1-2,2-2 COMP

GC Semivolatiles

Lot-Sample #...: G6F300327-012 **Work Order #...:** H8KQN1AA **Matrix.....:** SOLID
Date Sampled...: 06/28/06 **Date Received..:** 06/30/06
Prep Date.....: 07/11/06 **Analysis Date..:** 07/24/06
Prep Batch #...: 6192249
Dilution Factor: 1
% Moisture.....: 22 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.2	ug/kg	0.15
gamma-BHC (Lindane)	ND	2.2	ug/kg	0.17
Heptachlor	ND	2.2	ug/kg	0.21
Aldrin	**0.39 J,B**	**2.2**	**ug/kg**	**0.15**
beta-BHC	ND	2.2	ug/kg	0.15
delta-BHC	ND	2.2	ug/kg	0.084
Heptachlor epoxide	ND	2.2	ug/kg	0.14
Endosulfan I	ND	2.2	ug/kg	0.22
gamma-Chlordane	**1.0 J**	**2.2**	**ug/kg**	**0.20**
alpha-Chlordane	**0.60 J**	**2.2**	**ug/kg**	**0.27**
4,4'-DDE	**28**	**4.4**	**ug/kg**	**0.32**
Dieldrin	**0.46 J**	**4.4**	**ug/kg**	**0.29**
Endrin	ND	4.4	ug/kg	0.38
4,4'-DDD	**1.4 J**	**4.4**	**ug/kg**	**0.34**
Endosulfan II	ND	4.4	ug/kg	0.40
4,4'-DDT	**61 B**	**4.4**	**ug/kg**	**0.17**
Endrin aldehyde	ND	4.4	ug/kg	0.22
Methoxychlor	ND	22	ug/kg	1.6
Endosulfan sulfate	ND	4.4	ug/kg	0.28
Endrin ketone	ND	4.4	ug/kg	0.30
Toxaphene	ND	86	ug/kg	27

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	89	(55 - 130)
Tetrachloro-m-xylene	81	(70 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Parsons Corporation

Client Sample ID: 677B-7-1,8-1 COMP

GC Semivolatiles

Lot-Sample #...: G6F300327-014 **Work Order #...:** H8KQ31AA **Matrix.....:** SOLID
Date Sampled...: 06/28/06 **Date Received..:** 06/30/06
Prep Date.....: 07/11/06 **Analysis Date..:** 07/23/06
Prep Batch #...: 6192249
Dilution Factor: 200
% Moisture.....: 16 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	410	ug/kg	28
gamma-BHC (Lindane)	ND	410	ug/kg	31
Heptachlor	ND	410	ug/kg	39
Aldrin	**5600 B**	**410**	**ug/kg**	**27**
beta-BHC	ND	410	ug/kg	28
delta-BHC	ND	410	ug/kg	16
Heptachlor epoxide	ND	410	ug/kg	25
Endosulfan I	ND	410	ug/kg	41
gamma-Chlordane	ND	410	ug/kg	37
alpha-Chlordane	ND	410	ug/kg	51
4,4'-DDE	ND	810	ug/kg	60
Dieldrin	**11000**	**810**	**ug/kg**	**54**
Endrin	ND	810	ug/kg	70
4,4'-DDD	ND	810	ug/kg	63
Endosulfan II	ND	810	ug/kg	74
4,4'-DDT	ND	810	ug/kg	31
Endrin aldehyde	ND	810	ug/kg	41
Methoxychlor	ND	4100	ug/kg	300
Endosulfan sulfate	ND	810	ug/kg	52
Endrin ketone	**350 J**	**810**	**ug/kg**	**56**
Toxaphene	ND	16000	ug/kg	5100

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	0.0 SRD	(55 - 130)
Tetrachloro-m-xylene	0.0 SRD	(70 - 125)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

J Estimated result. Result is less than RL.

Parsons Corporation

Client Sample ID: 677B-7-2,8-2 COMP

GC Semivolatiles

Lot-Sample #...: G6F300327-016 **Work Order #...:** H8KQ81AA **Matrix.....:** SOLID
Date Sampled...: 06/28/06 **Date Received..:** 06/30/06
Prep Date.....: 07/11/06 **Analysis Date..:** 07/23/06
Prep Batch #...: 6192249
Dilution Factor: 200
% Moisture.....: 24 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	450	ug/kg	31
gamma-BHC (Lindane)	ND	450	ug/kg	34
Heptachlor	ND	450	ug/kg	43
Aldrin	**550 B**	**450**	**ug/kg**	**30**
beta-BHC	ND	450	ug/kg	31
delta-BHC	ND	450	ug/kg	17
Heptachlor epoxide	ND	450	ug/kg	28
Endosulfan I	ND	450	ug/kg	45
gamma-Chlordane	ND	450	ug/kg	41
alpha-Chlordane	ND	450	ug/kg	56
4,4'-DDE	ND	890	ug/kg	66
Dieldrin	**5500**	**890**	**ug/kg**	**59**
Endrin	ND	890	ug/kg	77
4,4'-DDD	ND	890	ug/kg	69
Endosulfan II	ND	890	ug/kg	81
4,4'-DDT	ND	890	ug/kg	34
Endrin aldehyde	ND	890	ug/kg	45
Methoxychlor	ND	4500	ug/kg	330
Endosulfan sulfate	ND	890	ug/kg	57
Endrin ketone	**240 J**	**890**	**ug/kg**	**62**
Toxaphene	ND	18000	ug/kg	5600

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	0.0 SRD	(55 - 130)
Tetrachloro-m-xylene	0.0 SRD	(70 - 125)

NOTE(S):

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

J Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

G6F300327

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
002	SOLID	ASTM D 2216-90		6186274	6186176
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
004	SOLID	ASTM D 2216-90		6186274	6186176
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
006	SOLID	ASTM D 2216-90		6186274	6186176
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
008	SOLID	ASTM D 2216-90		6186274	6186176
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
010	SOLID	ASTM D 2216-90		6186275	6186177
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
012	SOLID	ASTM D 2216-90		6186275	6186177
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
014	SOLID	ASTM D 2216-90		6186275	6186177
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
016	SOLID	ASTM D 2216-90		6186275	6186177
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
018	SOLID	ASTM D 2216-90		6186275	6186177
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
020	SOLID	ASTM D 2216-90		6186275	6186177
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
022	SOLID	ASTM D 2216-90		6186275	6186177
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

G6F300327

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
024	SOLID	ASTM D 2216-90		6186275	6186177
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
026	SOLID	ASTM D 2216-90		6186275	6186177
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
028	SOLID	ASTM D 2216-90		6186275	6186177
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
030	SOLID	ASTM D 2216-90		6186275	6186177
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
032	SOLID	ASTM D 2216-90		6186275	6186177
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
033	SOLID	ASTM D 2216-90		6207238	6207173
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206
034	SOLID	ASTM D 2216-90		6207238	6207173
	SOLID	SW846 8081A		6192249	6192172
	SOLID	SW846 6010B		6199307	6199206

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: G6F300327 **Work Order #...:** H80NA1AA **Matrix.....:** SOLID
MB Lot-Sample #: G6G110000-249

Prep Date.....: 07/11/06
Analysis Date..: 07/21/06 **Prep Batch #...:** 6192249
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	1.7	ug/kg	SW846 8081A
gamma-BHC (Lindane)	ND	1.7	ug/kg	SW846 8081A
Heptachlor	ND	1.7	ug/kg	SW846 8081A
Aldrin	**0.26 J**	**1.7**	**ug/kg**	**SW846 8081A**
beta-BHC	ND	1.7	ug/kg	SW846 8081A
delta-BHC	ND	1.7	ug/kg	SW846 8081A
Heptachlor epoxide	ND	1.7	ug/kg	SW846 8081A
Endosulfan I	ND	1.7	ug/kg	SW846 8081A
gamma-Chlordane	ND	1.7	ug/kg	SW846 8081A
alpha-Chlordane	ND	1.7	ug/kg	SW846 8081A
4,4'-DDE	ND	3.4	ug/kg	SW846 8081A
Dieldrin	ND	3.4	ug/kg	SW846 8081A
Endrin	ND	3.4	ug/kg	SW846 8081A
4,4'-DDD	ND	3.4	ug/kg	SW846 8081A
Endosulfan II	ND	3.4	ug/kg	SW846 8081A
4,4'-DDT	**0.90 J**	**3.4**	**ug/kg**	**SW846 8081A**
Endrin aldehyde	ND	3.4	ug/kg	SW846 8081A
Methoxychlor	ND	17	ug/kg	SW846 8081A
Endosulfan sulfate	ND	3.4	ug/kg	SW846 8081A
Endrin ketone	ND	3.4	ug/kg	SW846 8081A
Toxaphene	ND	67	ug/kg	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	94	(55 - 130)
Tetrachloro-m-xylene	88	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G6F300327 Work Order #...: H80NA1AC Matrix.....: SOLID
LCS Lot-Sample#: G6G110000-249
Prep Date.....: 07/11/06 Analysis Date..: 07/21/06
Prep Batch #...: 6192249
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
alpha-BHC	**97**	**(60 - 125)**	**SW846 8081A**
gamma-BHC (Lindane)	**91**	**(60 - 125)**	**SW846 8081A**
Heptachlor	**98**	**(50 - 140)**	**SW846 8081A**
Aldrin	**86**	**(45 - 140)**	**SW846 8081A**
beta-BHC	**103**	**(60 - 125)**	**SW846 8081A**
delta-BHC	**100**	**(55 - 130)**	**SW846 8081A**
Heptachlor epoxide	**92**	**(65 - 130)**	**SW846 8081A**
Endosulfan I	**93**	**(15 - 135)**	**SW846 8081A**
gamma-Chlordane	**94**	**(65 - 125)**	**SW846 8081A**
alpha-Chlordane	**95**	**(65 - 120)**	**SW846 8081A**
4,4'-DDE	**99**	**(70 - 125)**	**SW846 8081A**
Dieldrin	**96**	**(65 - 125)**	**SW846 8081A**
Endrin	**103**	**(60 - 135)**	**SW846 8081A**
4,4'-DDD	**102**	**(30 - 135)**	**SW846 8081A**
Endosulfan II	**107**	**(35 - 140)**	**SW846 8081A**
4,4'-DDT	**110**	**(45 - 140)**	**SW846 8081A**
Endrin aldehyde	**73**	**(35 - 145)**	**SW846 8081A**
Methoxychlor	**106**	**(55 - 145)**	**SW846 8081A**
Endosulfan sulfate	**110**	**(60 - 135)**	**SW846 8081A**
Endrin ketone	**107**	**(60 - 135)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	94	(55 - 130)
Tetrachloro-m-xylene	83	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6F300327 **Work Order #...:** H80NA1AC **Matrix.....:** SOLID
LCS Lot-Sample#: G6G110000-249
Prep Date.....: 07/11/06 **Analysis Date..:** 07/21/06
Prep Batch #...: 6192249
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
alpha-BHC	8.33	8.05	ug/kg	97	SW846 8081A
gamma-BHC (Lindane)	8.33	7.59	ug/kg	91	SW846 8081A
Heptachlor	8.33	8.15	ug/kg	98	SW846 8081A
Aldrin	8.33	7.20	ug/kg	86	SW846 8081A
beta-BHC	8.33	8.61	ug/kg	103	SW846 8081A
delta-BHC	8.33	8.29	ug/kg	100	SW846 8081A
Heptachlor epoxide	8.33	7.62	ug/kg	92	SW846 8081A
Endosulfan I	8.33	7.73	ug/kg	93	SW846 8081A
gamma-Chlordane	8.33	7.85	ug/kg	94	SW846 8081A
alpha-Chlordane	8.33	7.95	ug/kg	95	SW846 8081A
4,4'-DDE	16.7	16.5	ug/kg	99	SW846 8081A
Dieldrin	16.7	16.1	ug/kg	96	SW846 8081A
Endrin	16.7	17.2	ug/kg	103	SW846 8081A
4,4'-DDD	16.7	17.0	ug/kg	102	SW846 8081A
Endosulfan II	16.7	17.9	ug/kg	107	SW846 8081A
4,4'-DDT	16.7	18.4	ug/kg	110	SW846 8081A
Endrin aldehyde	16.7	12.2	ug/kg	73	SW846 8081A
Methoxychlor	83.3	88.3	ug/kg	106	SW846 8081A
Endosulfan sulfate	16.7	18.4	ug/kg	110	SW846 8081A
Endrin ketone	16.7	17.9	ug/kg	107	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	94	(55 - 130)
Tetrachloro-m-xylene	83	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G6F300327 Work Order #...: H8KRJ1AE-MS Matrix.....: SOLID
MS Lot-Sample #: G6F300327-020 H8KRJ1AF-MSD
Date Sampled...: 06/29/06 Date Received..: 06/30/06
Prep Date.....: 07/11/06 Analysis Date..: 07/22/06
Prep Batch #...: 6192249
Dilution Factor: 1 % Moisture.....: 21

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
alpha-BHC	86	(60 - 125)			SW846 8081A
	84	(60 - 125)	3.1	(0-30)	SW846 8081A
gamma-BHC (Lindane)	84	(60 - 125)			SW846 8081A
	84	(60 - 125)	0.51	(0-30)	SW846 8081A
Heptachlor	92	(50 - 140)			SW846 8081A
	91	(50 - 140)	0.94	(0-30)	SW846 8081A
Aldrin	83	(45 - 140)			SW846 8081A
	81	(45 - 140)	2.8	(0-30)	SW846 8081A
beta-BHC	100	(60 - 125)			SW846 8081A
	101	(60 - 125)	0.99	(0-30)	SW846 8081A
delta-BHC	93	(55 - 130)			SW846 8081A
	92	(55 - 130)	0.47	(0-30)	SW846 8081A
Heptachlor epoxide	86	(65 - 130)			SW846 8081A
	85	(65 - 130)	0.60	(0-30)	SW846 8081A
Endosulfan I	85	(15 - 135)			SW846 8081A
	84	(15 - 135)	1.6	(0-30)	SW846 8081A
gamma-Chlordane	87	(65 - 125)			SW846 8081A
	87	(65 - 125)	0.50	(0-30)	SW846 8081A
alpha-Chlordane	89	(65 - 120)			SW846 8081A
	88	(65 - 120)	0.13	(0-30)	SW846 8081A
4,4'-DDE	92	(70 - 125)			SW846 8081A
	90	(70 - 125)	1.6	(0-30)	SW846 8081A
Dieldrin	88	(65 - 125)			SW846 8081A
	85	(65 - 125)	3.5	(0-30)	SW846 8081A
Endrin	100	(60 - 135)			SW846 8081A
	98	(60 - 135)	1.8	(0-30)	SW846 8081A
4,4'-DDD	96	(30 - 135)			SW846 8081A
	94	(30 - 135)	2.6	(0-30)	SW846 8081A
Endosulfan II	96	(35 - 140)			SW846 8081A
	93	(35 - 140)	3.0	(0-30)	SW846 8081A
4,4'-DDT	89	(45 - 140)			SW846 8081A
	85	(45 - 140)	4.3	(0-30)	SW846 8081A
Endrin aldehyde	71	(35 - 145)			SW846 8081A
	71	(35 - 145)	0.62	(0-30)	SW846 8081A
Methoxychlor	97	(55 - 145)			SW846 8081A
	95	(55 - 145)	2.0	(0-30)	SW846 8081A
Endosulfan sulfate	101	(60 - 135)			SW846 8081A
	99	(60 - 135)	2.3	(0-30)	SW846 8081A
Endrin ketone	101	(60 - 135)			SW846 8081A
	93	(60 - 135)	8.0	(0-30)	SW846 8081A

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G6F300327 **Work Order #...:** H8KRJ1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: G6F300327-020 H8KRJ1AF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	82	(55 - 130)
	78	(55 - 130)
Tetrachloro-m-xylene	73	(70 - 125)
	70	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6F300327 Work Order #...: H8KRJ1AE-MS Matrix.....: SOLID
MS Lot-Sample #: G6F300327-020 H8KRJ1AF-MSD
Date Sampled...: 06/29/06 Date Received..: 06/30/06
Prep Date.....: 07/11/06 Analysis Date..: 07/22/06
Prep Batch #...: 6192249
Dilution Factor: 1 % Moisture.....: 21

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
alpha-BHC	ND	10.6	9.16	ug/kg	86		SW846 8081A
	ND	10.6	8.88	ug/kg	84	3.1	SW846 8081A
gamma-BHC (Lindane)	ND	10.6	8.91	ug/kg	84		SW846 8081A
	ND	10.6	8.86	ug/kg	84	0.51	SW846 8081A
Heptachlor	ND	10.6	9.71	ug/kg	92		SW846 8081A
	ND	10.6	9.62	ug/kg	91	0.94	SW846 8081A
Aldrin	0.41	10.6	9.24	ug/kg	83		SW846 8081A
	0.41	10.6	8.99	ug/kg	81	2.8	SW846 8081A
beta-BHC	ND	10.6	10.6	ug/kg	100		SW846 8081A
	ND	10.6	10.7	ug/kg	101	0.99	SW846 8081A
delta-BHC	ND	10.6	9.80	ug/kg	93		SW846 8081A
	ND	10.6	9.76	ug/kg	92	0.47	SW846 8081A
Heptachlor epoxide	ND	10.6	9.09	ug/kg	86		SW846 8081A
	ND	10.6	9.03	ug/kg	85	0.60	SW846 8081A
Endosulfan I	ND	10.6	9.00	ug/kg	85		SW846 8081A
	ND	10.6	8.86	ug/kg	84	1.6	SW846 8081A
gamma-Chlordane	ND	10.6	9.21	ug/kg	87		SW846 8081A
	ND	10.6	9.26	ug/kg	87	0.50	SW846 8081A
alpha-Chlordane	ND	10.6	9.39	ug/kg	89		SW846 8081A
	ND	10.6	9.37	ug/kg	88	0.13	SW846 8081A
4,4'-DDE	ND	21.2	19.5	ug/kg	92		SW846 8081A
	ND	21.2	19.2	ug/kg	90	1.6	SW846 8081A
Dieldrin	0.90	21.2	19.7	ug/kg	88		SW846 8081A
	0.90	21.2	19.0	ug/kg	85	3.5	SW846 8081A
Endrin	ND	21.2	21.2	ug/kg	100		SW846 8081A
	ND	21.2	20.8	ug/kg	98	1.8	SW846 8081A
4,4'-DDD	ND	21.2	20.4	ug/kg	96		SW846 8081A
	ND	21.2	19.9	ug/kg	94	2.6	SW846 8081A
Endosulfan II	ND	21.2	20.4	ug/kg	96		SW846 8081A
	ND	21.2	19.8	ug/kg	93	3.0	SW846 8081A
4,4'-DDT	2.8	21.2	21.6	ug/kg	89		SW846 8081A
	2.8	21.2	20.7	ug/kg	85	4.3	SW846 8081A
Endrin aldehyde	ND	21.2	15.0	ug/kg	71		SW846 8081A
	ND	21.2	15.1	ug/kg	71	0.62	SW846 8081A
Methoxychlor	ND	106	102	ug/kg	97		SW846 8081A
	ND	106	100	ug/kg	95	2.0	SW846 8081A
Endosulfan sulfate	ND	21.2	21.4	ug/kg	101		SW846 8081A
	ND	21.2	21.0	ug/kg	99	2.3	SW846 8081A
Endrin ketone	ND	21.2	21.5	ug/kg	101		SW846 8081A
	ND	21.2	19.9	ug/kg	93	8.0	SW846 8081A

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G6F300327 **Work Order #...:** H8KRJ1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: G6F300327-020 H8KRJ1AF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	82	(55 - 130)
	78	(55 - 130)
Tetrachloro-m-xylene	73	(70 - 125)
	70	(70 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

SOLID, 6010B, Pb only

Parsons Corporation

Client Sample ID: 677B-3-1,4-1,5-1 COMP

TOTAL Metals

Lot-Sample #...: G6F300327-006 **Matrix.....:** SOLID
Date Sampled...: 06/28/06 **Date Received..:** 06/30/06
% Moisture.....: 24

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6199307						
Lead	**10.4**	**2.0**	**mg/kg**	**SW846 6010B**	**07/18-07/20/06**	**H8KPP1AD**
		Dilution Factor: 1		MDL.....: 0.66		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 677B-3-2,4-2,5-2 COMP

TOTAL Metals

Lot-Sample #...: G6F300327-008 Matrix.....: SOLID
Date Sampled...: 06/28/06 Date Received..: 06/30/06
% Moisture.....: 25

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6199307						
Lead	14.3	2.0	mg/kg	SW846 6010B	07/18-07/20/06	H8KPR1AD
		Dilution Factor: 1		MDL.....: 0.67		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 677B-1-1,2-1 COMP

TOTAL Metals

Lot-Sample #...: G6F300327-010 **Matrix.....:** SOLID
Date Sampled...: 06/28/06 **Date Received..:** 06/30/06
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6199307						
Lead	**17.3**	**1.8**	**mg/kg**	**SW846 6010B**	**07/18-07/20/06**	**H8KQK1AD**
		Dilution Factor: 1		MDL.....: 0.60		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 677B-1-2,2-2 COMP

TOTAL Metals

Lot-Sample #...: G6F300327-012 **Matrix.....:** SOLID
Date Sampled...: 06/28/06 **Date Received..:** 06/30/06
% Moisture.....: 22

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6199307						
Lead	**17.4**	**1.9**	**mg/kg**	**SW846 6010B**	**07/18-07/20/06**	**H8KQN1AD**
		Dilution Factor: 1		MDL.....: 0.64		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 677B-7-1,8-1 COMP

TOTAL Metals

Lot-Sample #...: G6F300327-014 **Matrix.....:** SOLID
Date Sampled...: 06/28/06 **Date Received..:** 06/30/06
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6199307						
Lead	**4.8**	**1.8**	**mg/kg**	**SW846 6010B**	**07/18-07/20/06**	**H8KQ31AD**
		Dilution Factor: 1		MDL.....: 0.60		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Parsons Corporation

Client Sample ID: 677B-7-2,8-2 COMP

TOTAL Metals

Lot-Sample #...: G6F300327-016 **Matrix.....:** SOLID
Date Sampled...: 06/28/06 **Date Received..:** 06/30/06
% Moisture.....: 24

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6199307						
Lead	**18.3**	**2.0**	**mg/kg**	**SW846 6010B**	**07/18-07/20/06**	**H8KQ81AD**
		Dilution Factor: 1		MDL.....: 0.66		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

QC DATA ASSOCIATION SUMMARY

G6F300327

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
002	SOLID	SW846 6010B		6199307	6199206
004	SOLID	SW846 6010B		6199307	6199206
006	SOLID	SW846 6010B		6199307	6199206
008	SOLID	SW846 6010B		6199307	6199206
010	SOLID	SW846 6010B		6199307	6199206
012	SOLID	SW846 6010B		6199307	6199206
014	SOLID	SW846 6010B		6199307	6199206
016	SOLID	SW846 6010B		6199307	6199206
018	SOLID	SW846 6010B		6199307	6199206
020	SOLID	SW846 6010B		6199307	6199206
022	SOLID	SW846 6010B		6199307	6199206
024	SOLID	SW846 6010B		6199307	6199206
026	SOLID	SW846 6010B		6199307	6199206
028	SOLID	SW846 6010B		6199307	6199206
030	SOLID	SW846 6010B		6199307	6199206
032	SOLID	SW846 6010B		6199307	6199206
033	SOLID	SW846 6010B		6199307	6199206
034	SOLID	SW846 6010B		6199307	6199206

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: G6F300327 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: G6G180000-307 **Prep Batch #...:** 6199307						
Lead	ND	1.5	mg/kg	SW846 6010B	07/18-07/20/06	H9F2D1AA
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: G6F300327 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: G6G180000-307 **Prep Batch #...:** 6199307					
Lead	96	(80 - 120)	SW846 6010B	07/18-07/20/06	H9F2D1AC
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: G6F300327 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: G6G180000-307 **Prep Batch #...:** 6199307							
Lead	50.0	48.0	mg/kg	96	SW846 6010B	07/18-07/20/06	H9F2D1AC

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: G6F300327 **Matrix.....:** SOLID
Date Sampled...: 06/27/06 **Date Received..:** 06/30/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: G6F300327-002 **Prep Batch #...:** 6199307						**% Moisture.....:** 19	
Lead	112	(80 - 120)			SW846 6010B	07/18-07/20/06	H8KPE1AE
	90	(80 - 120)	16	(0-30)	SW846 6010B	07/18-07/20/06	H8KPE1AF

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: G6F300327 **Matrix.....:** SOLID
Date Sampled...: 06/27/06 **Date Received..:** 06/30/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: G6F300327-002 **Prep Batch #...:** 6199307									
								% Moisture.....: 19	
Lead									
	21.9	61.6	91.1	mg/kg	112		SW846 6010B	07/18-07/20/06	H8KPE1AE
	21.9	61.6	77.3	mg/kg	90	16	SW846 6010B	07/18-07/20/06	H8KPE1AF

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.